NAVAL FACILITIES ENGINEERING COMMAND

Contract # N62473-17-D3631

NAS FALLON WATER RIGHTS RESEARCH AND INVENTORY

Task 3: Final Inventory Report and Map Indexing Existing Land Areas

October 2019

Volume II – Third Party Rights

Prepared for:

NAVAL FACILITIES ENGINEERING COMMAND

NAVFAC SOUTHWEST

SAN DIEGO, CA



10-2-19

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R|O|Anderson

October 1, 2019

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Tetra Tech Project 200-09281-18011
NAS – Fallon Contract # N62473-17-D3631
Task 3 – Final Inventory Report & Map Indexing of Existing NAS Fallon Lands

Dear Ms. Cyr,

We are pleased to present the culmination of our efforts in furtherance of the authorized investigation and records search of water rights appurtenant to lands currently owned by United States Navy for the benefit of Naval Air Station Fallon (NAS Fallon). This letter summarizes the approach and methodologies used to accomplish a detailed and thorough search of public databases of Nevada water rights appurtenant to the subject lands. Findings from this research effort are presented in written form supplemented by a detailed abstract of all identified water rights including location of each Point of Diversion (POD) and the Place of Use (POU), as well as the Manner of Use (MOU), application status (e.g. application, permit, certificate, claims of vested rights and abrogated rights), and hydrographic basin of each application is listed in a searchable spreadsheet. Finally, specific recommendations of actions necessary to protect and preserve the identified water rights are provided.

EXECUTIVE SUMMARY

The objective of this assignment is to provide a Final Inventory Report & Map Indexing of water rights lying within or appurtenant to the existing land area. The attached inventory document includes information and data available and derived from the following public sources:

- acquisition documents provided by NAS Fallon,
- documents on file with the NDWR,
- documents on file with the Truckee-Carson Irrigation District,
- and GIS mapping of the respective points of diversions and places of use of each identified permit/application.

In preparing this report, significant correspondence, reports, recorded documents, and maps, as provided by representatives of the Navy, were identified and critically evaluated. A thorough records search was also conducted to identify active water rights on file with Nevada Division of Water Resources (NDWR) including review of

applications and supporting maps on file with that office. For each identified water right, all available documents and supporting maps were retrieved and reviewed. Finally, selected historical documents not found in the provided records but identified in its reference material were acquired from the Churchill County Recorder's and Assessor's office and were reviewed for these same purposes.

In support of this research efforts available geographic information systems (GIS) data were utilized to help define, compare and map critical data sets that included existing and proposed land boundaries by section, Township and Range. Two GIS map packages were furnished from Naval Facilities Engineering Command (NAVAC) South West Cadastral upon commencement of this effort. These included GIS georeferenced shape file layers for the Existing and Proposed Land Categories. Through the term of this research, no boundary updates or modification were provided.

These georeferenced GIS land category layers were used to identify related GIS data available through NDWR including POD and POU water right data. The POD locations were provided in a tabular format with attribute extract information, which included a latitude and longitude reference. These were plotted as point features in GIS. Please note that not all identified rights have the POU defined by a NDWR polygon. We have confirmed with personnel at NDWR that it is not their typical practice to create POU polygons for rights with certain Manner of Uses (MOUs) including: Stockwater, Recreation, or Wildlife purposes. Furthermore, several applications for vested rights were submitted without maps defining their place of use. As a result, the place of use of those claims are also not reflected within the GIS data.

In addition to the DWR POD/POU and Basin GIS Data, and the NAVAC Land Category GIS Data, the Public Land Survey System (PLSS) layers were provided in the NAVAC map packages. These data included the Township and Range blocks, as well as the first division sectional break down for the defined land areas.

County Assessor parcel information, to the extent it was available, was separately researched and obtained from the counties of Churchill, Pershing, Lyon, Nye and Mineral. In the attached mapping, this Assessor data is presented for comparison to the POD and POU for each water right.

Upon receipt of final comments to this report, this GIS data will be uploaded and presented in the Navy Data Model V4.0 file format.

A detailed summary of each permit and a supporting map is provided in the attached Index. Copies of each identified permit, certificate, and available supporting map on file at NDWR, along with a summary sheet of each is provided in the appendices of this

letter report. The following paragraphs provide specific findings and recommendations related to each appurtenant permit.

NAS FALLON WATER RIGHTS RECOMMENDATIONS

The United States of America Naval Air Station - Fallon (NAS Fallon) is the Owner of Record of thirty-one (31) active water rights that are appurtenant to the existing lands of the NAS Fallon. An additional right, Permit 46991, is owned by NAS Fallon however its POD and POU are outside both the existing and proposed lands. Despite this fact it is included here as it a water right owned by NAS Fallon.

1. Certificated Underground Water Rights: 26 of the 32 active rights have been issued certificates and are, therefore, perfected under Nevada water law. These rights are currently in good standing with the NDWR. Because the source of each of these certificated rights is underground, Nevada water law provides that they are subject to forfeiture proceedings to the extent of non-use over any given five (5) year period. That is, that portion (or all) of each permit's allowed duty can be forfeited to the extent of non-use in any given five-year period. It is, therefore, recommended that NAS Fallon personnel monitor and keep record of the actual amount of water pumped from these sources on a monthly basis and compare the total usage annually to the allowed duty. To the extent that the full duty is not used in any three-year period, specific actions should be taken in the fourth year to develop a plan for ensuring that the fully duty of that permit is used in the fifth year.
2. Of the remaining 6 active permits identified the following specific recommendations are provided:
    a. **Permit 57351E** is temporary permit with an expiration date of March 31, 1995. It is probable an administrative anomaly that NDWR's database continues to show this permit in an active status. No further action is necessary or required.
    a. **Permit 67446** is an underground right filed for an injection well to replace water lost to evaporation at the cooling plant at the facilities in Dixie Valley. The permit is in good standing and no further action is required until the proof of beneficial use, which is due prior to May 9, 2020. By that date, if the full allowed duty of the permit has not yet been realized, we recommend filing an additional Application for Extension of Time; however, if the permit and use are now fully developed, we recommend preparing and filing the proof of beneficial use as required under the terms of the permit.
    b. **Permit 72059** is an underground right for irrigation and domestic purposes on the described place of use in Dixie Valley. This permit is in good standing and no further action is required until the proof of beneficial use,

which is due by June 4, 2020. By that date, if the full allowed duty of the permit has not yet been realized, we recommend filing an additional Application for Extension of Time; however, if the permit and use are now fully developed, we recommend preparing and filing the proof of beneficial use and cultural map as required under the terms of the permit.

c. **Permit 72061** is an underground right for irrigation purposes on the described place of use in Dixie Valley. The permit is currently in good standing, however, the Proof of Beneficial Use and accompanying Cultural Map is due prior to August 17, 2019. If the full allowed duty of the permit has not yet been realized, we recommend filing an Application for Extension of Time prior to the listed date; however, if the permit and use are now fully developed, we recommend preparing and timely filing the proof of beneficial use and cultural map as required under the terms of the permit.
d. **Permit 79614** was granted for storage purposes to accommodate projected effluent flows from the wastewater treatment plant of NAS Fallon. In cooperation with United States Fish and Wildlife (USFWS), effluent from the plant is discharged and conveyed to the Stillwater National Wildlife Refuge for which USFWS has been granted a secondary permit. No further actions are required for this permit. However, if the existing wastewater treatment plant is expanded beyond the capacity listed under this permit (1.16 CFS, 840 acre-feet annually) to meet the expected growth of operations at the base, a new water application to appropriate should be filed to reflect the expanded capacity of the plant.
e. **Permit 82569** is an underground permit issued for quasi-municipal purposes to support a new or expanded training area at the facility(ies) in Dixie Valley. This permit is currently in good standing however, the Proof of Beneficial Use is due prior to August 29, 2019. If the full allowed duty of the permit has not yet been realized, we recommend filing an Application for Extension of Time prior to the listed date; however, if the permit and use are now fully developed, we recommend preparing and timely filing the proof of beneficial use and cultural map as required under the terms of the permit.

3. **Permit 61129/Certificate 15567** (Truckee Carson Irrigation District (TCID) Serial Number 980): Since the initial acquisitions, water rights appurtenant to land acquired within the federal Newlands project are combined under TCID Serial Number 980. Portions have been sold, withdrawn, and moved. Once Newlands project water is moved, it goes through the permitting process of the NDWR, which resulted in Permit 61129/Certificate 15567 being issued. There are currently several discrepancies between the records of TCID and NDWR as to the remaining amount and location of the Navy's water under this permit/claim. As

a result, this report does not include a definitive duty or place of use associated with this permit. NDWR, in cooperation with TCID, have initiated their Newlands Mapping project for the expressed purposes of reconciling the noted discrepancies of the actual duty remaining appurtenant to lands owned by the NAS Fallon as well as other landowners/permittees within TCID's management. As this permit/certificate is for federally decreed water from Carson River, it is not in jeopardy of either forfeiture or abandonment, and no further action is required at this time. It is recommended that rather than duplicate efforts to reconcile the remaining duty of this permit, NDWR be allowed time to complete its ongoing Newlands Mapping project. Once completed the remaining duty and place of use will be officially determined and any future needs of NAS Fallon for these rights could be evaluated in that context.

The owner of record of Permit 61129/Certificate 15567 is currently held in the name of "Naval Air Station (U.S. Navy)", which is different than all other permits for these lands. Although this is a relatively minor inconsistency, it potentially introduces confusion and the possibility of future searches of these permits to be missed or overlooked. We, therefore, recommend that a Report of Conveyance be filed with NDWR to rectify this discrepancy and the ownership records be updated to reflect "United States of America Naval Air Station – Fallon" to be consistent with other permits on file at NDWR.

PRIVATE OR THIRD-PARTY WATER RIGHT RECOMMENDATIONS

In addition to the permits owned and controlled by NAS Fallon for the existing lands, there are 24 other water right permits or claims of pre-statutory (vested) rights the ownership of which are vested in either private parties or Churchill County. 22 of these 24 water rights are held by private parties who have been issued certificates of appropriation that indicates that the permit terms have been perfected. Each of these 22 rights are in good standing with the NDWR and no forfeiture or abandonment actions are pending.

Of these 22 certificated rights, 16 are for stock watering purposes and the place of use is lands owned by the United States of America and managed by Department of the Interior, Bureau of Land Management (BLM). Of the remaining 6 permitted rights, one (Permit 9428/Certificate 2566) is for irrigation purposes of lands managed by BLM; one (Permit 15493/Certificate 4554) is for mining and milling purposes on lands managed by BLM; one (Permit 49802/Certificate 12905) is for industrial purposes on lands managed by BLM; one (Permit 68958/Certificate 16486) is for commercial purposes a portion of the described place of use of which encroaches on lands owned by the Navy; one (Permit 79614S01/Certificate 16486) is for wetlands and recreation purposes for use of effluent generated by the wastewater treatment plant that serves NAS Fallon on lands managed by USFWS; and one (V00754) is a claim of a pre-statutory irrigation right on lands owned by United States Navy.

In addition to these permits, there are a series of 10 pending applications for water rights that the Nevada State Engineer has not yet taken final action on. 8 of these 10 applications were filed by Churchill County presumably in anticipation of servicing future growth within the valley (as opposed to speculative purposes). The remaining two applications were filed by a private party (Bench Creek Ranch Co.) for stock watering purposes.

The following recommendations are specific to the water right permits and pending applications that are held in ownership of private or 3rd parties.

1. For the 16 permits/certificates issued for stock watering purposes pursuant to grazing allotments over lands managed by BLM, it is recommended that:
    a. Further research be undertaken through the office of BLM to determine the status of any grazing rights associated with the place of use of these permits.
    b. To the extent that the grazing right is still active and in good standing, the Navy should determine whether continued use of these lands for stock

watering purposes conflicts with the Navy's current and planned future use of these areas.

c. If it is determined that this use does not conflict, no further action is required.
d. However, if continued use of the lands for stock watering purposes conflicts with current or future uses of the Navy, it is recommended that the appropriate officer of the Navy meet with representatives of BLM to develop and implement a strategy for terminating or relocating these existing grazing allotments.

2. For Permits/Certificates 9428/2566; 15493/4554; and, 49802/12905, the place of use of which are also on lands managed by BLM, further research should be undertaken to determine the status of any permits or special use permits that might exist for these uses. To the extent that these uses are in good standing and still actively used, the Navy should determine whether the continued use of these lands for the listed purposes conflicts with the existing or future use of the lands by the Navy. If it is determined that this use does not conflict, no further action is required. However, if continued use of the lands for the permitted purposes conflicts with current or future uses of the Navy, it is recommended that the appropriate officer of the Navy meet with representatives of BLM to develop and implement a strategy for terminating or relocating these existing grazing allotments.
3. Permit 68958/Certificate 16486) is a Carson River right for commercial purposes, the description of the place of use of which encroaches slightly into lands owned by the Navy. Because of the slight encroachment of the general place of use it has been included in this inventory; however, the actual place of use of this right is a fraction of the permitted place of use and this permit has no effect on the existing or proposed use of the NAS Fallon. No action is required for this permit.
4. Claim of Vested Right V00754 was filed mining and milling purposes by Nevada Wonder Mining Company over land that is now owned by NAS Fallon. As of the date of this letter report, the owner of record of this claim remains Nevada Wonder Mining Company. Further research is required to confirm the status of the use that was historically associated with this claim. If the use has ceased, the Navy may have a valid claim to this right and should prepare and file a Report of Conveyance documenting its ownership interest in the claim. To use this right for other than mining or milling purposes, an application to change the manner of use and potentially the place of use would be required.
5. Claim of Vested Right, V04587, was filed for irrigation purposes by a former private landowner (Tschetter) for the expressed purpose of attempting to increase the land value prior to NAS Fallon acquiring the property. As the current owner of the land, the Navy has a valid claim to this right. A Report of Conveyance should be filed to bring the ownership up to date with NDWR.

Further research of this source of water should be undertaken to confirm the veracity of the claims included with the Application to Appropriate filed by the former landowner. If the claims are legitimate and the source can be developed to support the Navy's existing or proposed use of the nearby lands, a supporting map should be prepared and filed to more fully document the extent of the works and historic use of this water source. If the claims prove to be overstated, or the location of this source is found to not fit with the Navy's current or planned use for this area of site, no additional action would be necessary or warranted.

6. Pending Applications:
    a. 8 of the 10 pending applications are held in the name of Churchill County. Five of those applications have been in Ready for Action (RFA) status since 1986; the remaining four, since 2010. As of this date, it is not clear whether Churchill County filed these applications in cooperation with and in the full knowledge of the proper personnel of the Fallon NAS. The implications of these applications, if granted permits by the State Engineer, particularly in the context of how they might affect Fallon NAS' existing and future community water system needs, should be carefully considered and evaluated. If the applications were filed in cooperation and with the full knowledge of the proper representatives of NAS Fallon, no additional action is required or warranted. Essentially, the Navy would simply allow the State Engineer to take final action on these applications. If, after further review of the applications it is found that they are contrary to the interests of the Navy, or its existing or proposed uses, the appropriate officer of the Navy should first contact the appropriate parties at Churchill County to discuss these concerns specific to each application with the objective to get Churchill County to withdraw the applications. If, after meeting with Churchill County and describing the concerns with one or all of the applications, the county refuses to withdraw the application(s), it would be appropriate for the officer of the Navy to submit a formal letter to the State Engineer detailing the specific concerns with each application and concluding the letter with a request that the State Engineer deny the applications due to "conflicts with existing rights" and/or that the "proposed use threatens to prove detrimental to the public interest" as it conflicts with the Navy's existing or proposed uses on the subject lands.
    b. The other two pending applications (87770 and 87880) were filed by Bench Creek Ranch Co., LLC, for stock watering purposes and have been in RFA status since mid-2018. As filed, the POD of these two applications are located on lands owned by NAS Fallon; the POU encompasses lands operated by BLM in furtherance of a grazing allotment. If the permits

were granted by the State Engineer, the Applicant/Permittee would be required to obtain an easement to construct the point of diversion. The Navy should consider whether allowing a private party to construct works of improvement on Navy property is appropriate and confirm whether the proposed use of the works of improvements conflicts with existing or planned uses of the Navy at these locations. If so, an officer of the Navy should contact the representative of the Applicant (Bench Creek Ranch Co.) and request that they withdraw the subject application(s). If the Applicant refuses to withdraw the application(s), the officer of the Navy should submit a formal letter to the State Engineer detailing the specific concerns with each application and concluding the letter with a request that the State Engineer deny the applications due to "conflicts with existing rights" and/or that the "proposed use threatens to prove detrimental to the public interest" as it conflicts with the Navy's existing or proposed uses on the subject lands.

We trust this summary together with the referenced documents is sufficient for your current purposes. During your review should you have any questions or require any clarifications, I trust you will not hesitate to contact me. Should you decide to accept our recommendations as listed above, we would be pleased to provide a specific proposal to accomplish the identified supplemental research and mapping efforts.

Sincerely,

R.O. ANDERSON ENGINEERING, INC.

Matthew P. Bernard, P.L.S., WRS
Director of Surveying

Attachments

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH INVENTORY SERVICES
EXISTING LANDS AREA

LEGEND

- Township & Range
- NDWR Basin Boundary

Existing Navy Lands
- Existing Withdrawal
- Indefinitely Withdrawn
- Non Federal 07/25/2018
- Navy Owned

Proposed Navy Lands
- Proposed Withdrawal Expansion
- Non Federal

Points of Diversion & Manner of Use
- As Decreed
- Commercial
- Domestic
- Environmental
- Industrial
- Irrigation
- Mining & Milling
- Municipal
- Other
- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

R O Anderson

0 1 2 4 Miles

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Basin: 128 Dixie Valley

Basin: 073 Lovelock Valley

Basin: 101A Carson Desert

Basin: 102 Churchill Valley

Basin: 122 Gabbs Valley

Basin: 123 Rawhide Flats

Basin: 124 Fairview Valley

Basin: 125 Stingaree Valley

Basin: 126 Cowkick Valley

Basin: 133 Edwards Creek Valley

Map Inset A

Map Inset B

Map Inset C

Map Inset D

Map Inset E

Map Inset F

Miles 0 0.25 0.5 1

Prepared by R.O. Anderson Engineering, Inc. — Project: U:\ROA\DATA\Projects\NAVDA GIS Inventory_10-30-2018_Exchange\mxd — GIS Specialist: Eric Herron — Production Date: 10/22/2018 10:14 AM

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PRIVATE RIGHTS ABSTRACT OF SELECTED WATER RIGHTS - EXISITING LANDS AREA

Basin: 101 - Carson Desert
123 - Rawhide Flats
125 - Stingaree Valley
124 - Fairview Valley
128 - Dixie Valley

County: Churchill

No.	Basin	Priority	Status	Point of Diversion					CFS	Duty (AFA)	Place of Use APN	Use	Owner/Notes
				¼	¼	S	T	R					
4924/925	123	2/19/1918	CER	SE	SW	10	15N	29E	0.05	36.2	002-211-01	STK	Clemons, Jay H.
4925/926	123	2/19/1918	CER	SE	SE	20	15N	30E	0.05	36.2	002-231-01	STK	Clemons, Jay H.
9428/2566	128	3/17/1931	CER	SW	SE	12	19N	35E	1.084	786.0	003-271-02	IRR	Horse Creek Ranch
10196/2683	124	1/4/1938	CER	NW	NE	11	16N	33E	0.014	10.2	002-511-01	STK	Stark, Edward H., Sr.
11477/4295	124	1/4/1946	CER	NE	SW	18	17N	34E	0.012	4.5	002-771-06	STK	Takacs, Barbara F.
11509/4294	124	3/5/1946	CER	SW	NW	3	16N	33E	0.006	2.2	002-511-02	STK	Stark, Edward H., Sr.
15493/4554	101	2/10/1954	CER	SE	SE	5	16N	32E	0.01	7.2	002-491-02; 002-491-03; 002-491-04	MM	Bennett, Fred A. and Olson, John H.
45973/11565	124	7/23/1982	CER	SE	NE	31	16N	33E	0.023	16.6	002-511-01	STK	Masterpool, Jerome and Tara
46797/11065	128	4/8/1983	CER	SE	SE	20	18N	34E	0.009	6.7	003-091-01	STK	Takacs, Barbara F. and Gary R.
46901/11466	123	5/11/1983	CER	NE	SE	9	15N	29E	0.006	2.6	002-211-01	STK	Damonte Ranch LLC
48241/11989	101	7/27/1984	CER	NE	NE	17	15N	31E	0.001	0.7	002-251-01	STK	Stix, David F.
48242/14140	101	7/27/1984	CER	NE	NE	12	15N	30E	0.002	1.4	002-231-01	STK	Stix, David F.
49200/RFA	128	7/16/1985	RFA	NW	NW	28	18N	34E	6.00	0.0	Multiple	QM	Churchill County
49201/RFA	128	7/16/1985	RFA	NW	NW	3	19N	34E	6.00	0.0	Multiple	QM	Churchill County
49795/RFA	128	3/31/1986	RFA	SE	SE	16	19N	34E	6.00	0.0	Multiple	QM	Churchill County
49800/RFA	128	3/31/1986	RFA	SW	SE	5	22N	35E	6.00	0.0	Multiple	QM	Churchill County
49802/12905	128	7/25/1980	CER	SE	NE	7	24N	37E	3.25	2266.0	005-291-01	IND	Terra Gen Dixie Valley, LLC
54127/16925	128	10/27/1989	CER	SE	NW	26	20N	34E	0.016	12.1	003-471-01	STK	Paul Plouviez & Shizuko Shimanda
65124/16375	128	5/19/1999	CER	SE	NE	21	19N	34E	0.0154	11.2	003-251-02	STK	Takacs, Fillis and Gary
68958/16486	101	7/2/1902	CER	SW	SE	33	19N	26E	DEC	2.0	Multiple	COM	A&K Earthmovers, Inc. Newlands Project Surface Water
79614S01/19977	101	2/19/2010	CER	SW	SE	23	18N	29E	0.567	237.9	Multiple	REC	United States of America Fish & Wildlife Service
79615/RFA	128	2/19/2010	RFA	NW	NW	28	18N	34E	6.00	0.0	Multiple	MUN	Churchill County
79616/RFA	128	2/19/2010	RFA	NW	NW	3	19N	34E	6.00	0.0	Multiple	MUN	Churchill County
79622/RFA	128	2/19/2010	RFA	SE	SE	16	19N	34E	6.00	0.0	Multiple	MUN	Churchill County

EXHIBIT B

Prepared by:

R O Anderson

1603 Esmeralda Avenue, Minden NV 89423

PRIVATE RIGHTS ABSTRACT OF SELECTED WATER RIGHTS - EXISITING LANDS AREA

Basin: 101 - Carson Desert
123 - Rawhide Flats
125 - Stingaree Valley
124 - Fairview Valley
128 - Dixie Valley

County: Churchill

No.	Basin	Priority	Status	Point of Diversion					CFS	Duty (AFA)	Place of Use APN	Use	Owner/Notes
				¼	¼	S	T	R					
79627/RFA	128	2/19/2010	RFA	SW	SE	5	22N	35E	6.00	0.0	Multiple	MUN	Churchill County
80934/19568	128	6/27/2011	CER	SE	NE	21	19N	34E	0.0163	11.8	003-251-02	STK	Plouviez, Paul
87770/RFA	128	3/12/2018	RFA	SW	SW	23	20N	34E	0.016	12.0	Multiple	STK	Bench Creek Ranch Co., LLC
87880/RFA	128	4/24/2018	RFA	SE	SE	36	21N	34E	0.016	12.0	Multiple	STK	Bench Creek Ranch Co., LLC
V00754	128	01/01/1894	Vested	NE	SW	11	19N	35E		78.0	Multiple	IRR	Nevada Wonder Minning Company
V04587	128	12/31/1904	Vested	W2	SW	5	21N	35E	1.5		003-851-05	IRR	Tschetter,Rodney L., Jill P. and Thomas S.
V10057	128	01/01/1880	Vested	SW	SE	5	22N	35E	0.0055		004-211-03	STK	Stremler, Mike and Barbara
V10065	128	01/01/1880	Vested	SW	NW	17	22N	35E	0.0055		004-211-03	STK	Stremler, Mike and Barbara
V10206	128	01/01/1878	Vested	SW	SE	16	21N	35E	0.046		003-851-18	STK	Casey, Michael A. & Claudia C.

EXHIBIT B

APPENDIX A

KEY WATER RIGHT TERMS

KEY WATER RIGHT TERMS

Abandonment (Water Right) — (1) Generally refers to the intentional surrender of a water right by virtue of nonuse. (2) Failure to put a water right to *Beneficial Use* for generally five or more years, in which the owner of the water right states that the water right will not be used or takes such actions that would prevent the water from being beneficially used.

Acre-Foot (AF) — A unit commonly used for measuring the volume of water; equal to the quantity of water required to cover one acre (43,560 square feet or 4,047 square meters) to a depth of 1 foot (0.30 meter) and equal to 43,560 cubic feet (1,234 cubic meters), or 325,851 gallons

Adjudication — (1) Refers to a judicial process whereby water rights are determined or decreed by a court of law. (2) A court proceeding to determine all rights to the use of water on a particular stream system or within a specific ground water basin.

Appropriation — A granting process whereby authority is granted by a state to divert, store, or use the public waters of the state. Often used interchangeably with the terms water right and water permit. Nevada's water law is based on statutes enacted in 1903 and 1905 and are founded on the principal of *Prior Appropriation*. Unlike some other states, Nevada has a statewide system for the administration of both ground water and surface water. Appropriative water rights are based on the concept of applying water to *Beneficial Use* and *"First in Time, First in Right."* Appropriative water rights can be lost through nonuse and they may be sold or transferred apart from the land. Due in large part to the relative scarcity of water in Nevada and numerous competing uses, Nevada has had a thriving market for water transfers for a number of years. A person in Nevada who desires to place water to beneficial use must file an application with the State Engineer to initiate the process of acquiring an appropriative water right.

Certificated Water Right — The right granted by a state water agency to use either surface or ground water.

CFS (Cubic Foot per Second) — A unit of discharge for measurement of flowing liquid equal to a flow of one cubic foot per second past a given section. A rate of flow equivalent to 448.83 gallons per minute. Also written as C.F.S. and cfs.

Decreed Rights (Water) — Water rights determined by court decree.

Diversion — (1) A structure in a river or canal that diverts water from the river or canal to another watercourse. (2) The transfer of water from a stream, lake, aquifer, or other source of water by a canal, pipe, well, or other conduit to another watercourse or to the land, as in the case of an irrigation system. Also, a turning aside or alteration of the natural course of a flow of water, normally considered physically to leave the natural channel. In some states, this can be a consumptive use direct from a stream, such as by livestock watering. In other states, a diversion must consist of such actions as taking water through a canal or conduit.

Diversion Rate — A rate of water flow (cfs) diverted into a canal or through a farm headgate.

Domestic Water — Water supplied to individual dwellings and other land uses which is suitable for drinking.

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

Forfeiture (Water Right) — (1) The loss of a water right through nonuse for a specified period of time; can occur involuntarily. (2) The invalidation of a water right because of five or more consecutive years of nonuse.

Perfected Water Right — (1) A completed or fully executed water right. A water right is said to have been perfected when all terms and conditions associated with it have been fully accomplished, e.g., the diversion has been affected and the water applied to beneficial use. (2) A water right to which the owner has applied for and obtained a permit, has complied with the conditions of the permit, and has obtained a license or certification of appropriation. (3) A water right which indicates that the uses anticipated by an applicant, and made under permit, were made for *Beneficial Use*. Usually it is irrevocable unless voluntarily canceled or forfeited due to several consecutive years of nonuse.

Place of Use — The specific location, typically documented in a water right permit, where water is applied or used. A water user cannot use water at another location without transferring the right or obtaining a new right.

Point of Diversion — The point from which water is diverted from a source.

Priority — The concept that the person first using water has a better right to it than those commencing their use later. An appropriator is usually assigned a "priority date". However, the date is not significant in and of itself, but only in relation to the dates assigned other water users from the same source of water. Priority is only important when the quantity of available water is insufficient to meet the needs of all those having a right to use water.

Proof of Beneficial Use — A part of the water right application and permitting process which documents that the water permitted for use has been applied to *Beneficial Use*. Generally, this process is followed by the issuance of the water right certificate (*Perfected Water Right*).

Supplemental Sources — 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.

Surface Supply (of Water) — Water supply from streams, lakes, and reservoirs.

Underground Water — Water below the surface of the ground. Also referred to as *Groundwater*, *Ground Water*, *Subsurface Water*, and *Subterranean Water*.

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 B

PRIVATE PARTY WATER RIGHTS

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

PERMIT 4924/CERTIFICATE 0925

BASIN: Rawhide Flats (123) **COUNTY:** Churchill

LATITUDE: 39.172646 **LONGITUDE:** -118.731608

OWNERSHIP:	Jay H. Clemons
PRIORITY DATE:	February 19, 1918
SOURCE DESCRIPTION:	Underground – Stinking Well
POINT OF DIVERSION:	SE¼SW¼ Section 10, T.15N., R.29E., M.D.M.
MANNER OF USE:	Stockwatering
USE UNITS:	1,000 to 2,000 cattle and 5,000 to 8,000 sheep
PLACE OF USE:	SE¼SE¼ Section 9, T.15N., R.30E., M.D.M.
DIVERSION RATE:	0.05 CFS
ALLOWED DUTY:	36.21 AFA
PERIOD OF USE:	01/01 – 12/31
STATUS:	Certificated
DUE DATES:	None
REMARKS:	

POD PARCEL:	Churchill County APN No. 002-211-01
POD PARCEL OWNER:	Bureau of Land Management
POU PARCEL:	Churchill County APN No. 002-211-01
POU PARCEL OWNER:	Bureau of Land Management

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

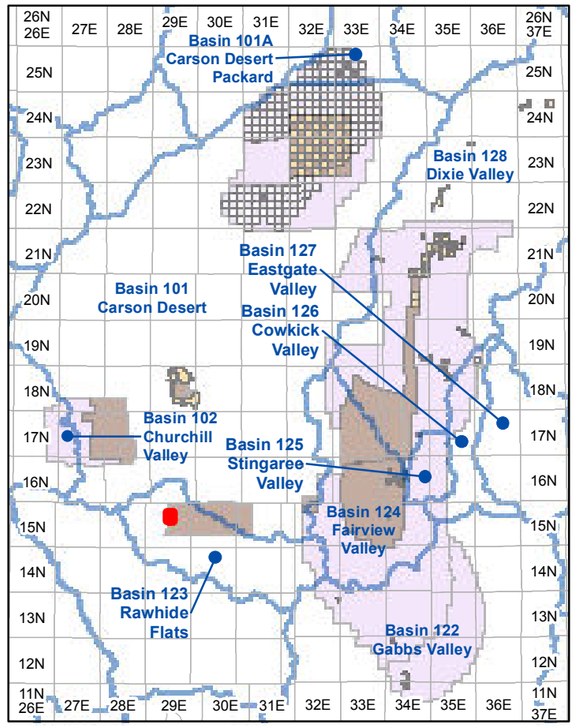
Permit 4924/Certificate 0925

The current owner of Permit 4924/Certificate 0925 is Jay H. Clemons. The permit was approved by the State Engineer on November 5, 1919 and was issued Certificate 0925 on December 21, 1923. It has a priority date of February 19, 1918 and a total duty of 36.21 acre-feet annually with an allowed diversion rate of 0.05 CFS. The permitted manner of use is for stock watering purposes sufficient to water 1,000 to 2,000 cattle and 5,000 to 8,000 sheep. The allowed period of use is January 1 through December 31.

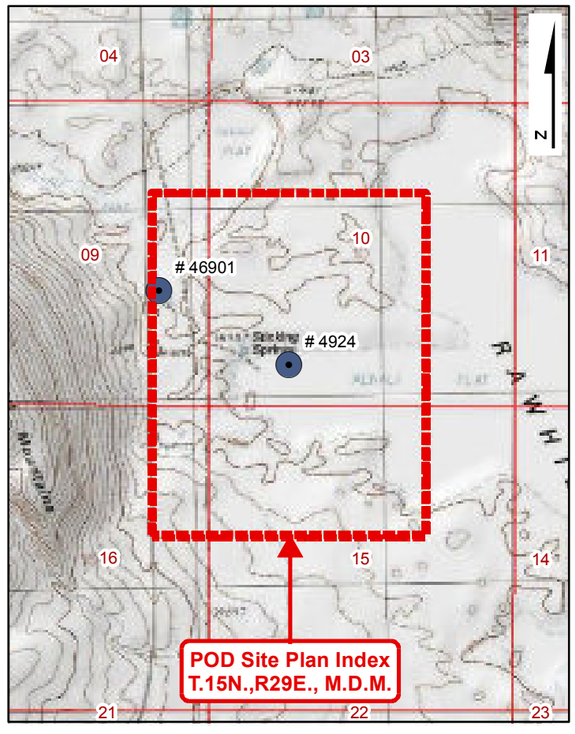
The point of diversion is located within the SE¼SW¼ Section 10, Township 15N, Range 29E, MDM. The permitted place of use is in the Rawhide Flats Basin within Churchill County APN 002-231-01 under the ownership of the Bureau of Land Management and is more specifically listed in the table below.

QQ	Q	Section	Township	Range	Units
SE	SE	9	15N	30E	1000-2000 cattle; 5000-8000 sheep

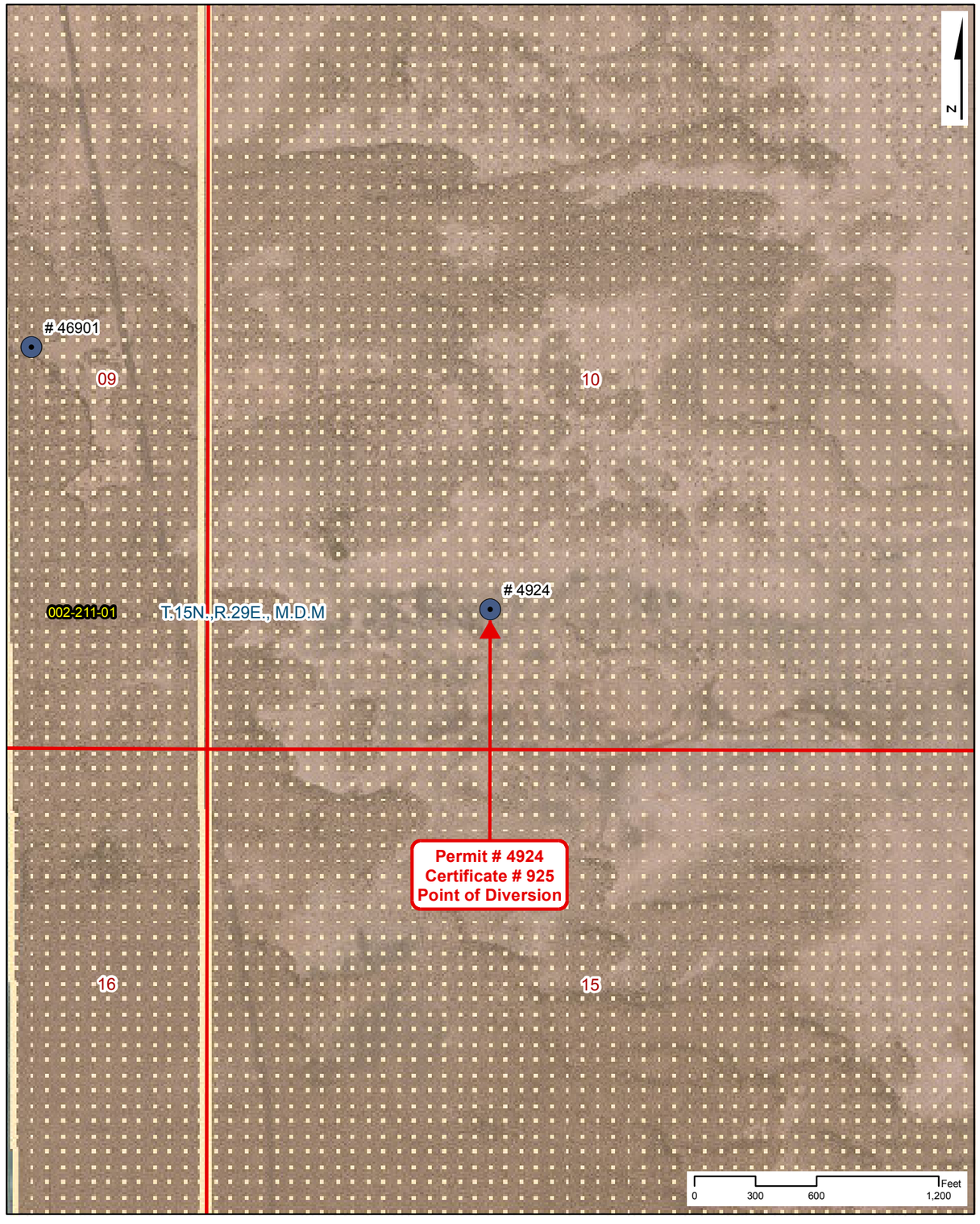
Permit 4924/Certificate 0925 is currently in good standing with the NDWR with no further action required.



Township and Range Index
Scale: 1" = 20 Miles



USGS Quadmap Site Plan Index
Scale: 1" = 1/2 Mile



Point of Diversion Site Plan
Scale: 1" = 600'

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH INVENTORY SERVICES

PERMIT: 4924 **CERTIFICATE: 925**

BASIN: Rawhide Flats (123) **COUNTY: Churchill**
LATITUDE: 39.172646 **LONGITUDE: -118.731608**
POINT OF DIVERSION: **SE1/4,SW1/4, Section 10, T.15N.,R29E., M.D.M.**
PLACE OF USE (DWR Polygon ID): **N/A**
PERMIT LAND CATEGORY: **Existing Lands Privately Held**

OWNERSHIP

Clemons, Jay H.

PRIORITY DATE: **2/19/1918**
PERMIT DATE: **11/5/1919**
CERTIFICATE DATE: **12/21/1923**
DUE DATE: **None**

USE UNITS

1000-2000 Cattle; 5000-8000 Sheep

SOURCE DESCRIPTION: **Underground**
MANNER OF USE: **Stock-Watering**
DIVERSION RATE: **0.05 CFS**
ALLOWED DUTY: **36.210 AFA**
PERIOD OF USE: **01/01-12/31**

GIS PARCEL DATA

A.P.N. 002-211-01, CHURCHILL COUNTY
BUREAU OF LAND MANAGEMENT

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index

- Township Range Grid
- Hydrographic Basins

Existing Navy Lands

- Withdrawan
- Non Federal
- Navy Owned

Proposed Navy Lands

- Proposed Withdrawal Expansion
- Non Federal

Point of Diversion Manner of Use

- As Decreed
- Commercial
- Domestic
- Environmental
- Industrial
- Irrigation
- Mining & Milling
- Municipal
- Other
- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

R|O Anderson

PERMIT: 4924
CERTIFICATE: 925

Product of R.O. Anderson Engineering, Inc. -= Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_Permit_Certificate_Maps.mxd -= GIS Specilist: Eric Herron -= Publication Date: 10/5/2019 10:44:03 AM

ASSIGNED

Form 6

APPLICATION FOR PERMIT TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

Serial No. 4924

Date of first receipt and filing in State Engineer's office FEB 19 1918
Returned to applicant for correction
Corrected application filed

The undersigned ANTELOPE VALLEY LAND & CATTLE COMPANY
Name of applicant.
of Reno, County of Washoe,
State of Nevada, hereby makes application for permission to appropriate the public waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation give date and place of incorporation.) California. May 22,1912.

1. The source of the proposed appropriation is "Stinking Well"
Name of stream, lake, or other source.
Tapping and underground water source.

2. The amount of water applied for is one (1) second-feet.
One second-foot equals 40 miners' inches.

3. The water to be used for Stock and domestic use
Irrigation, power, mining, manufacturing, domestic, or other use.

4. The water is to be diverted from its source at the following point: From which the ¼ Cor. bet. Secs.35 and 36,T.17 N.R.28 E.
Describe as being within a 40-acre subdivision of public survey, or by course and distance to a section corner. If on unsurveyed land it should be so stated.
bears N.23°46'W. 48274 feet.

IF THE WATER IS TO BE USED FOR IRRIGATION, SUPPLY THE FOLLOWING INFORMATION:

(a) Number of acres to be irrigated is

(b) Description of land to be irrigated
Describe by legal subdivision, or if on unsurveyed land it should be so stated and a description provided in accordance with special instruction from the State Engineer when application is returned for correction.

(c) Irrigation will begin about (Month.) and end about (Month.), of each year.

IF WATER IS TO BE USED FOR POWER, MINING, TRANSPORTATION, OR OTHER USE, SUPPLY THE FOLLOWING INFORMATION:

(d) Power to be developed is horsepower.

(e) Works to be located At the Well
Give 40-acre subdivision on which works will be located, or locate by course and distance to a section corner.

(f) Point of return of water to stream Not returned.
Describe in same manner as point of diversion.

(g) Remarks From one to two thousand Cattle will water at this well.

DESCRIPTION OF PROPOSED WORKS

A Well to tap an underground waterchannel. Water to be pumped to troughs or reservoirs, and used for watering stock.

State manner in which water is to be diverted, whether by dam or other works, whether through pipes, ditches, flumes, or other conduits. If water is to be stored in reservoirs it should be so stated and the location of the reservoir should be given with reference to the legal subdivisions.

5. Estimated cost of works $2000.00

6. Estimated time required to construct works Two (2) years.

7. Remarks Located on unsurveyed land.

For use of applicant.

ANTELOPE VALLEY LAND & CATTLE COMPANY, Applicant.

By Jay H.Clemons.

Compared P.P.Jones

This sheet inspected

, Engineer.

APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

It is assumed by the approval of this application that the waters applied for herein are not percolating and therefore come within the jurisdiction of this office.

The State reserves the right to regulate the use of the water herein granted at any and all times. It is distinctly understood that applicant agrees to the terms herein contained.

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed 0.05 cubic feet per second. (One twentieth)

Actual construction work shall begin on or before June 5, 1920.

Proof of commencement of work shall be filed before July 5, 1920.

Work must be prosecuted with reasonable diligence and be completed on or before November 5, 1921.

Proof of completion of work shall be filed before December 5, 1921.

Application of water to beneficial use shall be made on or before May 5, 1922. Proof of the application of water to beneficial use must be filed with State Engineer on or before June 5, 1922.

Map filed MAR 26 1920

Proof of labor filed JUN -4 1920

Proof of completion of work filed DEC -6 1921

Proof of beneficial use filed NOV 17 1922

WITNESS MY HAND AND SEAL this 5th day of November, 1919.

Certificate No. 925 Issued 12/24 1923

Recorded Jan 24 1924 Book 7 Water Applications

State Engineer.

Application No. 4924 Certificate Record No. 925 Book 4 Page 928

THE STATE OF NEVADA

CERTIFICATE OF APPROPRIATION OF WATER

WHEREAS, Jay H. Clemons has presented to the State Engineer of the State of Nevada Proof of Application of Water to Beneficial Use, from Stinking Well through Pump and trough for Stockwatering purposes. The point of diversion of water from the source is as follows: From which the quarter corner, being the NE cor. of the SE. quarter of Sec. 35, between Secs. 35 and 36, T.17 N., R.28 E. bears N.23°46' W.48274 feet situated in Churchill County, State of Nevada.

NOW KNOW YE, That the State Engineer, under the provisions of Section 72, Chapter 140, Statutes of 1913 has determined the date, source, purpose and amount of such appropriation, together with the place to which such water is appurtenant, as follows:

Name of appropriator Jay H. Clemons

Postoffice address Reno, Nevada

Amount of appropriation 0.05 of a cubic foot per second

Period of use, from January 1st to December 31st of each year

Date of priority of appropriation February 19, 1918.

Description of works of diversion, manner and place of use: Water is pumped from a well into a galvanized iron trough, the trough is 16 feet long and 24 inches in diameter. From 1000 to 2000 head of cattle and from 5000 to 8000 head of sheep water here.

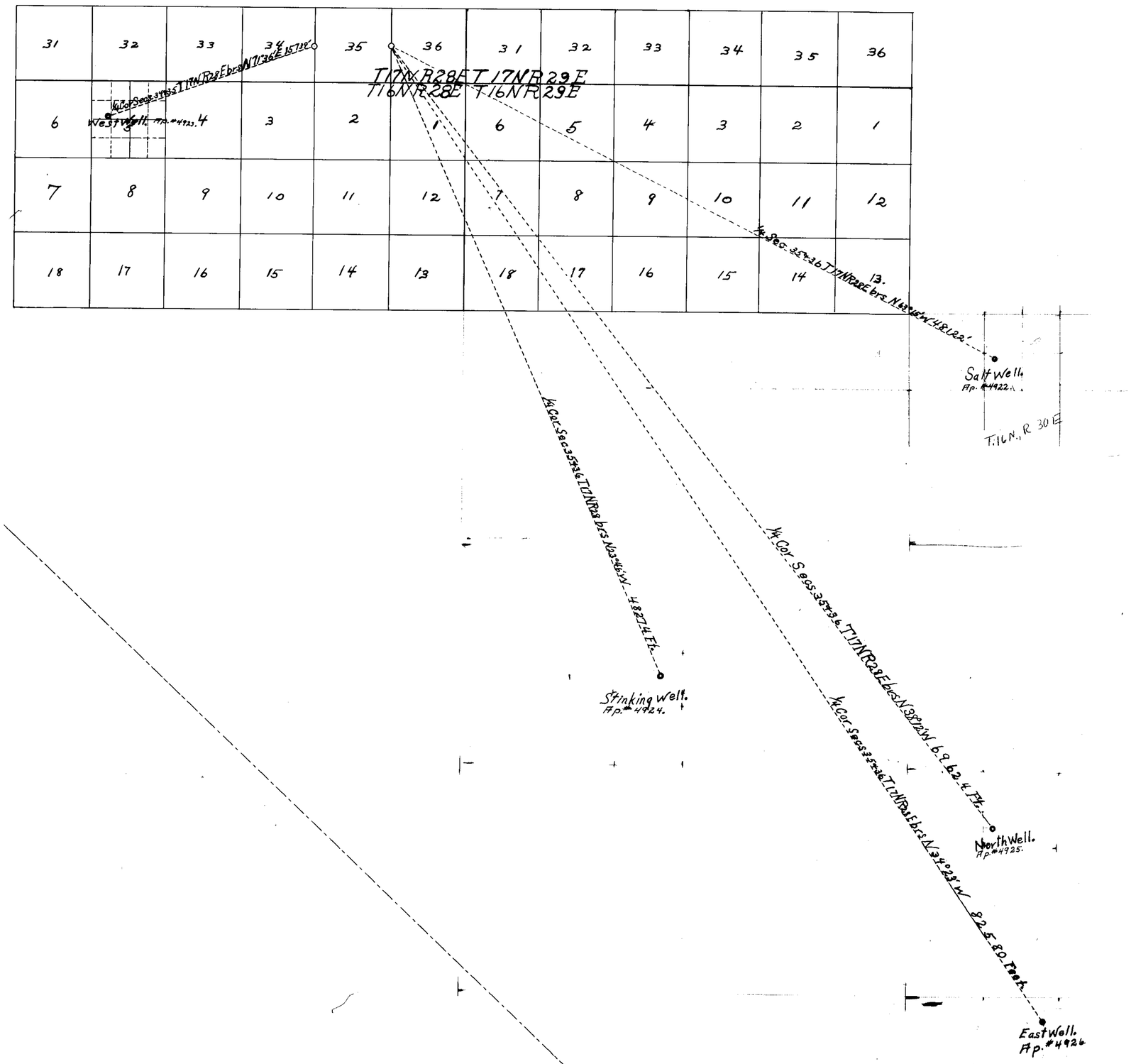
The right to water hereby determined is limited to the amount which can be beneficially used, not to exceed the amount above specified, and the use is restricted to the place where acquired and to the purpose for which acquired.

IN TESTIMONY WHEREOF, I, Robert A. Allen, State Engineer of Nevada, have hereunto set my hand and the seal of my office, this 21st day of December, A.D. 1923.

Robert A. Allen
State Engineer

Compared - J.L. M.M.S.

Recorded Jan 4 1924 Bk 2 Page 7 of Water Applications
B. Churchill County Recorder



Under #4122 ... 923 ... 12/21/23 ... for 0.05 C.F.S.
" #4923 ... 924 ... 12/21/23 ... for 0.05 C.F.S.
" #4924 ... 925 ... 12/21/23 ... for 0.05 C.F.S.
" #4925 ... 926 ... 12/21/23 ... for 0.05 C.F.S.
" #4926 ... 927 ... 12/21/23 ... for 0.05 C.F.S.

ANTELOPE VALLEY LAND and CATTLE COMPANY

Wells in Churchill County Nev.

Scale 1" = 4000'.

State of Nevada } S.S.
County of Washoe }

I, E.W. Lawrence, being first duly sworn depose and say that the above map is a true and accurate plat of the Antelope Valley Land and Cattle Companys wells described in applications Nos. 4922, 4923, 4924, 4925, 4926 as taken from the field notes of a survey made by me, completed on the 5th day of February, 1918. That such map and survey were made at the instance of said Antelope Valley Land & Cattle Company, and that it truly represents the location of said wells.

E.W. Lawrence
Surveyor.

Subscribed and sworn to before me this 26th day of February 1918.

Notary Public in and for Washoe County, Nevada.

FILED
MAR 26 1918
STATE ENGINEER

3/26/18

4922 - 4923 - 4924 - 4925 - 4926

State of Nevada
Division of Water Resources

Site Search

Permit Information

New Search

App/Permit: 4924
Status: CERTIFICATE
Certificate: 0925

General | Maps & Due Dates | Place of Use | Abrogations/Protests/Rulings | Ownership and Title

Current Ownership Information

(NOTE: Owner names shown here are standardized for retreival purposes only. Verify legal names before submitting any new documentation.)

Owner	Type	Div Rate	Duty	Acres	Change By	APN	County	Description
CLEMONS, JAY H.	C	0	0	0				

Confirmed By:
Effective Date:

Original Owners

Owner
ANTELOPE VALLEY LAND & CATTLE CO.

Remarks

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

PERMIT 4925/CERTIFICATE 0926

BASIN: Rawhide Flats (123) **COUNTY:** Churchill

LATITUDE: 39.172646 **LONGITUDE:** -118.731608

OWNERSHIP:	Jay H. Clemons
PRIORITY DATE:	February 19, 1918
SOURCE DESCRIPTION:	Underground – North Well
POINT OF DIVERSION:	SE¼SE¼ Section 20, T.15N., R.30E., M.D.M.
MANNER OF USE:	Stockwatering
USE UNITS:	1,000 to 2,000 cattle and 5,000 to 8,000 sheep
PLACE OF USE:	SE¼SE¼ Section 20, T.15N., R.30E., M.D.M.
DIVERSION RATE:	0.05 CFS
ALLOWED DUTY:	36.21 AFA
PERIOD OF USE:	01/01 – 12/31
STATUS:	Certificated
DUE DATES:	None
REMARKS:	

POD PARCEL:	Churchill County APN No. 002-231-01
POD PARCEL OWNER:	Bureau of Land Management
POU PARCEL:	Churchill County APN No. 002-231-01
POU PARCEL OWNER:	Bureau of Land Management

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

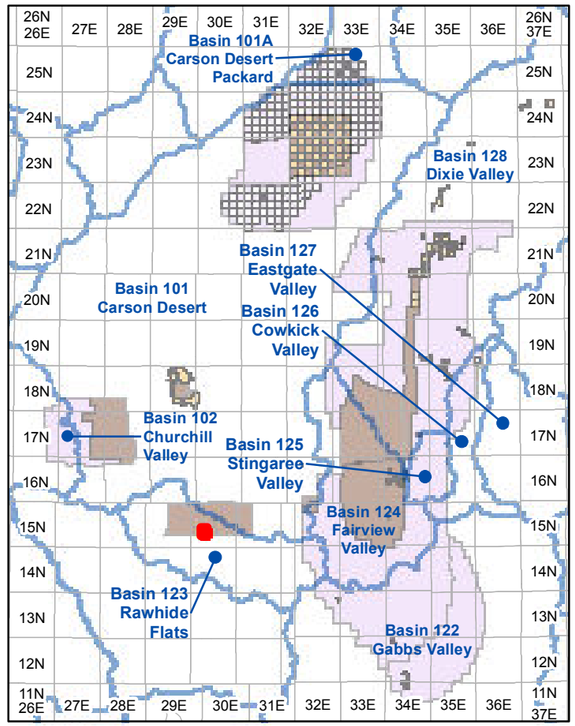
Permit 4925/Certificate 0926

The current owner of Permit 4925/Certificate 0926 is Jay H. Clemons. The permit was approved by the State Engineer on November 5, 1919 and was issued Certificate 0926 on December 21, 1923. It has a priority date of February 19, 1918 and a total duty of 36.21 acre-feet annually with an allowed diversion rate of 0.05 CFS. The permitted manner of use is for stock watering purposes sufficient to water 1,000 to 2,000 cattle and 5,000 to 8,000 sheep. The allowed period of use is January 1 through December 31.

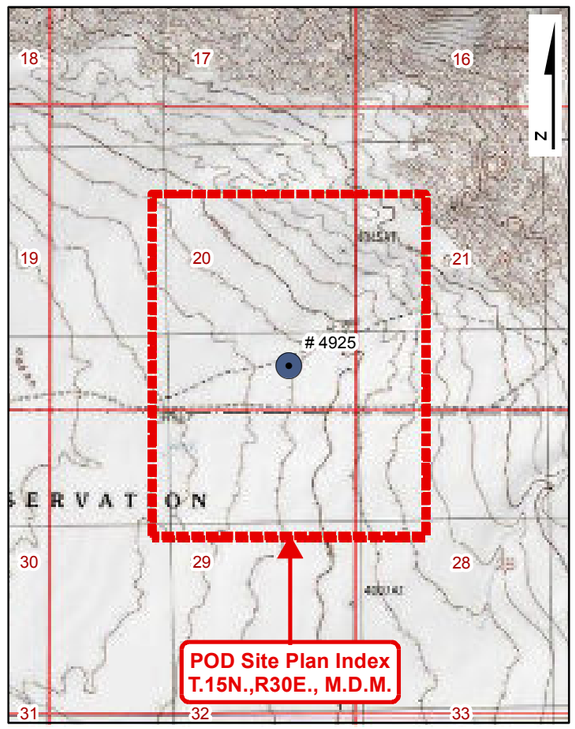
The point of diversion is located within the SE¼SE¼ Section 20, Township 15N, Range 30E, MDM. The permitted place of use is in the Rawhide Flats Basin within Churchill County APN 002-231-01 under the ownership of the Bureau of Land Management and is more specifically listed in the table below.

QQ	Q	Section	Township	Range	Units
SE	SE	20	15N	30E	1000-2000 cattle; 5000-8000 sheep

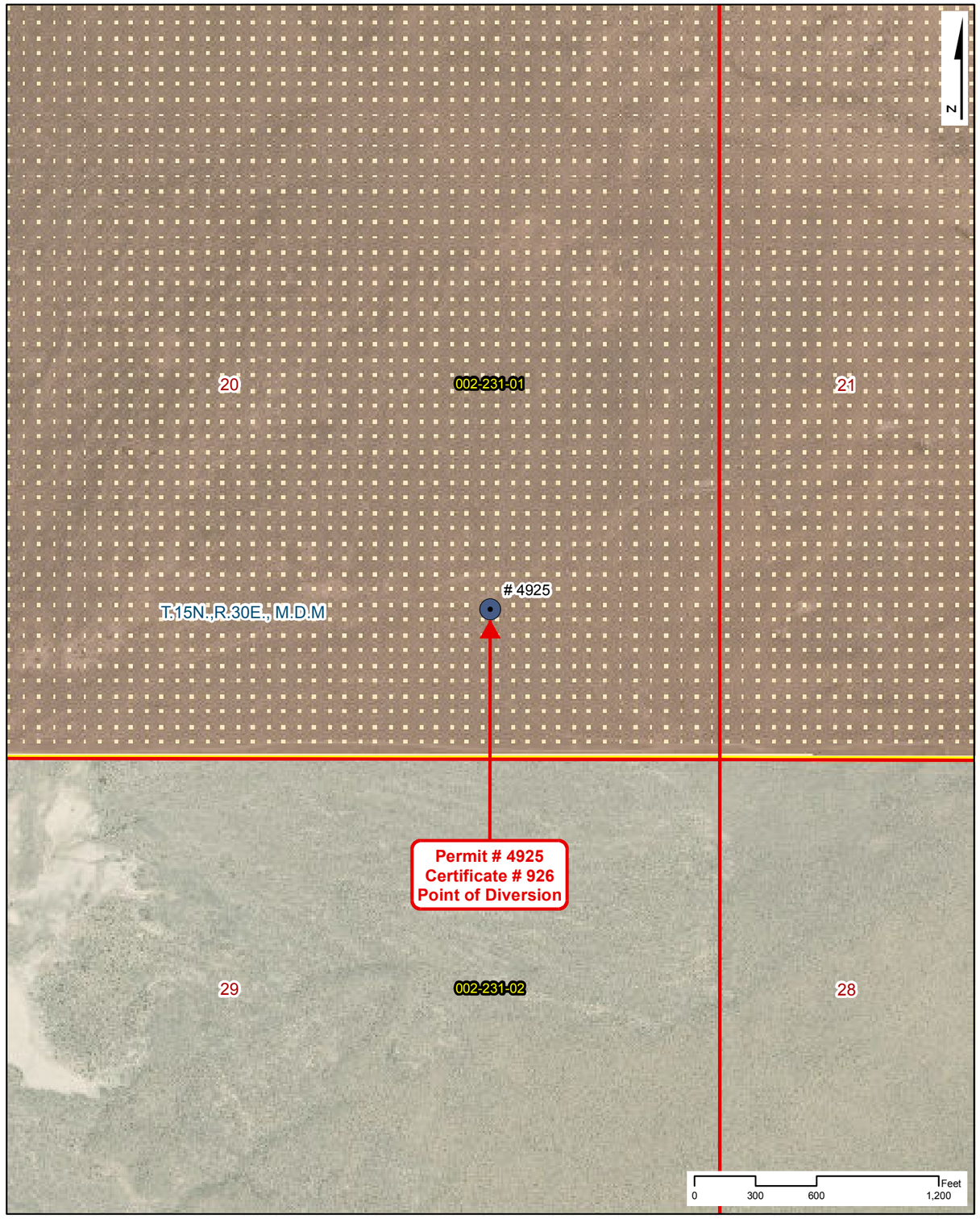
Permit 4925/Certificate 0926 is currently in good standing with the NDWR with no further action required.



Township and Range Index
Scale: 1" = 20 Miles



USGS Quadmap Site Plan Index
Scale: 1" = 1/2 Mile



Point of Diversion Site Plan
Scale: 1" = 600'

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631

WATER RIGHTS RESEARCH INVENTORY SERVICES

PERMIT: 4925 **CERTIFICATE: 926**

BASIN: Rawhide Flats (123) **COUNTY: Churchill**
LATITUDE: 39.143711 **LONGITUDE: -118.648279**
POINT OF DIVERSION: **SE1/4,SE1/4, Section 20, T.15N.,R30E., M.D.M.**
PLACE OF USE (DWR Polygon ID): **N/A**
PERMIT LAND CATEGORY: **Existing Lands Privately Held**

OWNERSHIP

Clemons, Jay H.

PRIORITY DATE: **2/19/1918**
PERMIT DATE: **11/5/1919**
CERTIFICATE DATE: **12/21/1923**
DUE DATE: **None**

USE UNITS

1000-2000 Cattle; 5000-8000 Sheep

SOURCE DESCRIPTION: **Underground**
MANNER OF USE: **Stock-Watering**
DIVERSION RATE: **0.05 CFS**
ALLOWED DUTY: **36.210 AFA**
PERIOD OF USE: **01/01-12/31**

GIS PARCEL DATA

A.P.N. 002-231-01, CHURCHILL COUNTY BUREAU OF LAND MANAGEMENT

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index

- Township Range Grid
- Hydrographic Basins

Existing Navy Lands

- Withdrawan
- Non Federal
- Navy Owned

Proposed Navy Lands

- Proposed Withdrawal Expansion
- Non Federal

Point of Diversion Manner of Use

- As Decreed
- Commercial
- Domestic
- Environmental
- Industrial
- Irrigation
- Mining & Milling
- Municipal
- Other
- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

R O Anderson

PERMIT: 4925
CERTIFICATE: 926

Product of R.O. Anderson Engineering, Inc. -= Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_Permit_Certificate_Maps.mxd -= GIS Specilist: Eric Herron -= Publication Date: 10/5/2019 10:44:05 AM

Application No. 4925 Certificate Record No. 925 Book 4 Page 926

THE STATE OF NEVADA

CERTIFICATE OF APPROPRIATION OF WATER

WHEREAS, Jay H. Clemons has presented to the State Engineer of the State of Nevada Proof of Application of Water to Beneficial Use, from North Well through pump and trough for Stockwatering purposes. The point of diversion of water from the source is as follows: from which the quarter corner, being the NE Cor. of the SE quarter of Sec. 35, between Secs. 35 and 36, T. 17 N., R. 28 E. bears N. 38°12' W. 69624 feet.

situated in Churchill County, State of Nevada.

NOW KNOW YE, That the State Engineer, under the provisions of Section 72, Chapter 140, Statutes of 1913 has determined the date, source, purpose and amount of such appropriation, together with the place to which such water is appurtenant, as follows:

Name of appropriator Jay H. Clemons

Postoffice address Reno, Nevada

Amount of appropriation 0.05 cubic foot per second.

Period of use, from January 1st to December 31st of each year

Date of priority of appropriation February 19, 1918

Description of works of diversion, manner and place of use:

Water is pumped into a galvanized iron trough, the trough is 16 feet long and 24 inches in diameter situated at the well. From 1000 to 2000 head of cattle and 5000 to 8000 head of sheep water here.

The right to water hereby determined is limited to the amount which can be beneficially used, not to exceed the amount above specified, and the use is restricted to the place where acquired and to the purpose for which acquired.

IN TESTIMONY WHEREOF, I, Robert A. Allen, State Engineer of Nevada, have hereunto set my hand and the seal of my office, this 21st day of December, A.D. 1923.

Robert A. Allen
State Engineer

Recorded Jan 4 1924 Bk 2 page 8 Water Applications
Churchill County Records

Compared

ASSIGNED

APPLICATION FOR PERMIT TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

Serial No. 4925

Date of first receipt and filing in State Engineer's office FEB 19 1918
Returned to applicant for correction
Corrected application filed

The undersigned ANTELOPE VALLEY LAND & CATTLE COMPANY
Name of applicant.
of Reno, County of Washoe,
State of Nevada, hereby make s application for permission to appropriate the public waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation give date and place of incorporation.) California. May 22,1912.

1. The source of the proposed appropriation is " North Well"
Name of stream, lake, or other source.
Tapping underground water source.

2. The amount of water applied for is One (1) second-feet.
One second-foot equals 40 miners' inches.

3. The water to be used for Stock and Domestic use
Irrigation, power, mining, manufacturing, domestic, or other use.

4. The water is to be diverted from its source at the following point: From which the ¼ Cor. bet. Secs.35 and 36, T.17 N.R.28 E.
Describe as being within a 40-acre subdivision of public survey, or by course and distance to a section corner. If on unsurveyed land it should be so stated.
bears N.38°12' W. 69624 feet.

IF THE WATER IS TO BE USED FOR IRRIGATION, SUPPLY THE FOLLOWING INFORMATION:

(a) Number of acres to be irrigated is

(b) Description of land to be irrigated
Describe by legal subdivision, or if on unsurveyed land it should be so stated and a description provided in accordance with special instruction from the State Engineer when application is returned for correction.

(c) Irrigation will begin about (Month.) and end about (Month.), of each year.

IF WATER IS TO BE USED FOR POWER, MINING, TRANSPORTATION, OR OTHER USE, SUPPLY THE FOLLOWING INFORMATION:

(d) Power to be developed is horsepower.

(e) Works to be located At the Well.
Give 40-acre subdivision on which works will be located, or locate by course and distance to a section corner.

(f) Point of return of water to stream Not returned.
Describe in same manner as point of diversion.

(g) Remarks From one to two thousand CATTLE will water at this well.

DESCRIPTION OF PROPOSED WORKS

A Well to tap an underground water channel. The water to be pumped
State manner in which water is to be diverted, whether by dam or other works, whether through pipes, ditches, flumes, or other conduits. If water
into troughs or reservoirs which are located at the well.
is to be stored in reservoirs it should be so stated and the location of the reservoir should be given with reference to the legal subdivisions.

5. Estimated cost of works $3000.00

6. Estimated time required to construct works Two (2) years.

7. Remarks On unsurveyed land.
For use of applicant.

ANTELOPE VALLEY LAND & CATTLE COMPANY, Applicant.

By Jay H. Clemons.

Compared P. P. Jones

This sheet inspected

, Engineer.

APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

It is assumed by the approval of this application that the waters applied for herein are not percolating and therefore come within the jurisdiction of this office.

The State reserves the right to regulate the use of the water herein granted at any and all times. It is distinctly understood that applicant agrees to the terms herein contained.

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed 0.05 cubic feet per second. (One twentieth)

Actual construction work shall begin on or before June 5, 1920.

Proof of commencement of work shall be filed before July 5, 1920.

Work must be prosecuted with reasonable diligence and be completed on or before November 5, 1921.

Proof of completion of work shall be filed before December 5, 1921.

Application of water to beneficial use shall be made on or before May 5, 1922. Proof of the application of water to beneficial use must be filed with State Engineer on or before June 5, 1922.

WITNESS MY HAND AND SEAL this 5th day of November, 1919.

Map filed MAR 26 1918

Proof of labor filed JUN - 4 1920

Proof of completion of work filed DEC - 8 1921

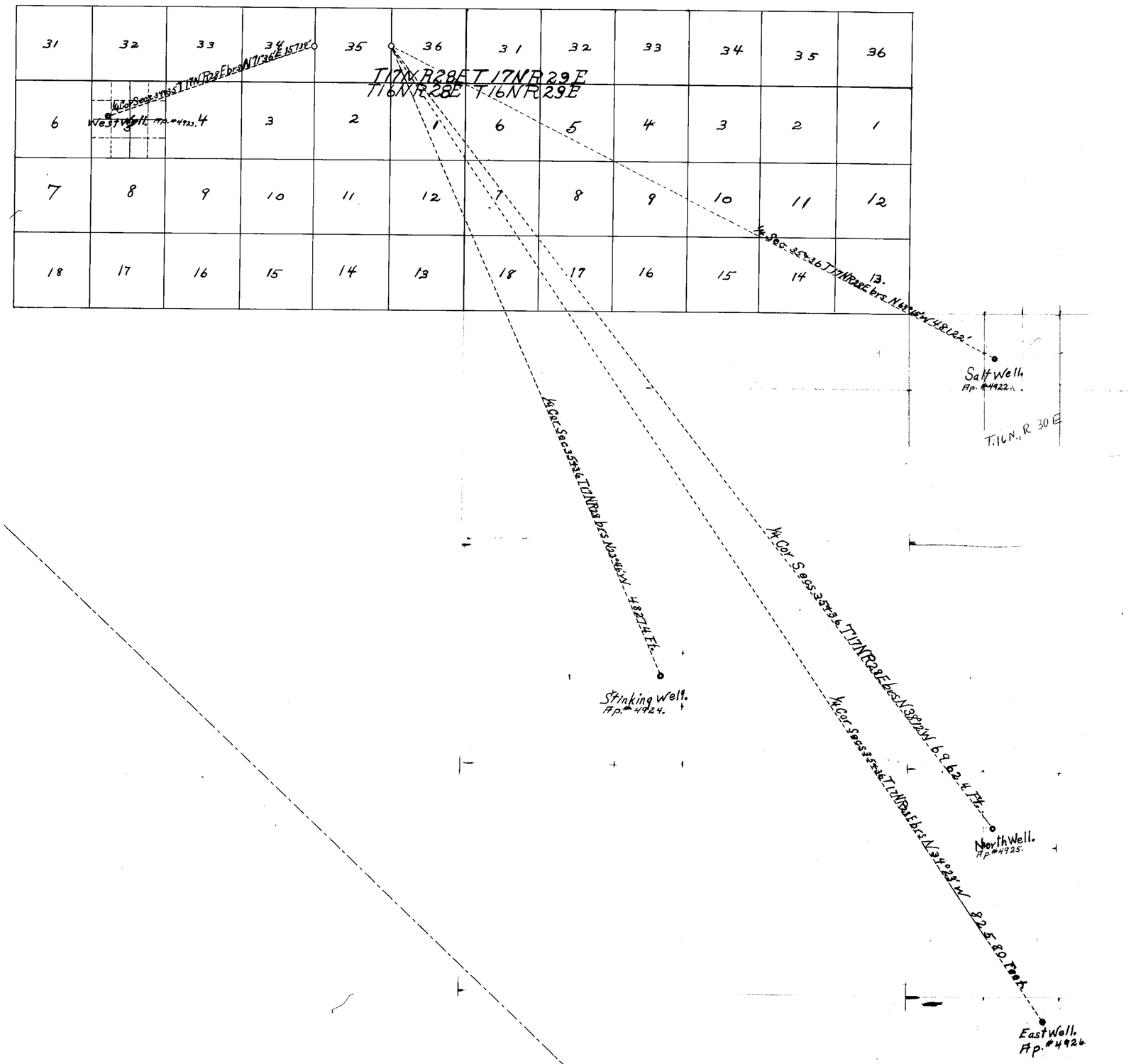
Proof of beneficial use filed NOV 17 1922

Certificate No. 926 Issued 12/21 1923

Recorded Jan 4 1924 Page 8 Water applications

Churchill County Records

State Engineer.



Under #4122 ... 923 ... 12/21/23 ... for 0.05 C.F.S.
" #4923 ... 924 ... 12/21/23 ... for 0.05 C.F.S.
" #4924 ... 925 ... 12/21/23 ... for 0.05 C.F.S.
" #4925 ... 926 ... 12/21/23 ... for 0.05 C.F.S.
" #4926 ... 927 ... 12/21/23 ... for 0.05 C.F.S.

ANTELOPE VALLEY LAND and CATTLE COMPANY

Wells in Churchill County Nev.

Scale 1" = 4000'.

State of Nevada } S.S.
County of Washoe }

I, E.W. Lawrence, being first duly sworn depose and say that the above map is a true and accurate plat of the Antelope Valley Land and Cattle Companys wells described in applications Nos. 4922, 4923, 4924, 4925, 4926 as taken from the field notes of a survey made by me, completed on the 5th day of February, 1918. That such map and survey were made at the instance of said Antelope Valley Land & Cattle Company, and that it truly represents the location of said wells.

E.W. Lawrence
Surveyor.

Subscribed and sworn to before me this 26th day of February 1918.

Notary Public in and for Washoe County, Nevada.

FILED
MAR 26 1918
STATE ENGINEER

3/26/18

4922 - 4923 - 4924 - 4925 - 4926



Site Search

Permit Information

New Search

App/Permit: 4925
Status: CERTIFICATE
Certificate: 0926

General | Maps & Due Dates | Place of Use | Abrogations/Protests/Rulings | Ownership and Title

Current Ownership Information

(NOTE: Owner names shown here are standardized for retreival purposes only. Verify legal names before submitting any new documentation.)

Owner	Type	Div Rate	Duty	Acres	Change By	APN	County	Description
CLEMONS, JAY H.	C	0	0	0				

Confirmed By:
Effective Date:

Original Owners

Owner
ANTELOPE VALLEY LAND & CATTLE CO.

Remarks

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

PERMIT 9428/CERTIFICATE 2566

BASIN: Dixie Valley (128) **COUNTY:** Churchill

LATITUDE: 39.520255 **LONGITUDE:** -117.991635

OWNERSHIP:	Horse Creek Ranch
PRIORITY DATE:	3/17/1931
SOURCE DESCRIPTION:	STR
POINT OF DIVERSION:	SW¼SE¼ Section 12, T.19N., R.35E., M.D.M.
MANNER OF USE:	IRR
USE UNITS:	102.00 acres
PLACE OF USE:	Portions of Sections 11 and 12, T.19N., R.35E., M.D.M.
DIVERSION RATE:	1.084 CFS
ALLOWED DUTY:	786.00 AFA
PERIOD OF USE:	1/01-12/31
STATUS:	CER
DUE DATES:	None
REMARKS:	

POD PARCEL:	Churchill County APN No. 003-271-02
POD PARCEL OWNER:	Bureau of Land Management
POU PARCEL:	Churchill County APN No. 003-271-02
POU PARCEL OWNER:	Bureau of Land Management

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

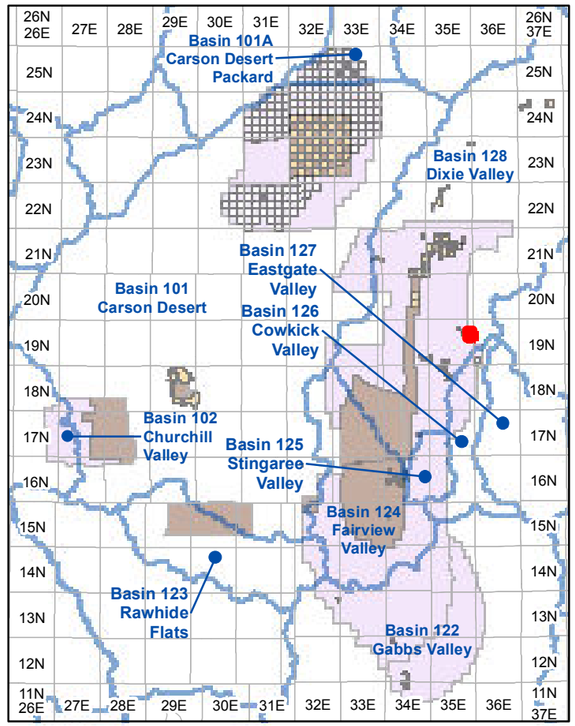
Permit 9428/Certificate 2566

The current owner of Permit 9428/Certificate 2566 is listed as Horse Creek Ranch. The permit was approved by the State Engineer on December 18, 1935 and was issued Certificate 2566 on January 2, 1941. It has a priority date of March 17, 1931 and a total duty of 786.00 acre-feet annually with an allowed diversion rate of 1.084 CFS permitted for irrigation purposes. The allowed period of use is from January 1 to December 31.

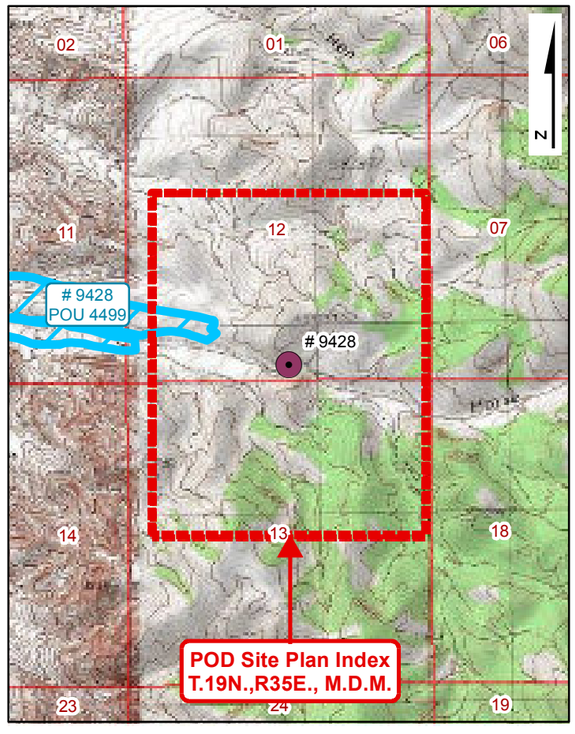
The point of diversion is located within the SW¼SE¼ Section 12, Township 19N, Range 35E, MDM. The permitted place of use is in the Dixie Valley Basin within Churchill County APN 003-271-02 under the ownership of the Bureau of Land Management and is more specifically listed in the table below.

QQ	Q	Section	Township	Range	Acres
NE	NW	11	19N	35E	8.5
NW	NW	11	19N	35E	5.0
SE	NW	11	19N	35E	13.0
NE	SE	11	19N	35E	6.0
NW	SE	11	19N	35E	11.0
SE	SE	11	19N	35E	21.0
SW	SE	11	19N	35E	16.5
NE	SW	11	19N	35E	8.0
SE	SW	11	19N	35E	5.0
SE	SW	12	19N	35E	1.0
SW	SW	12	19N	35E	12.6

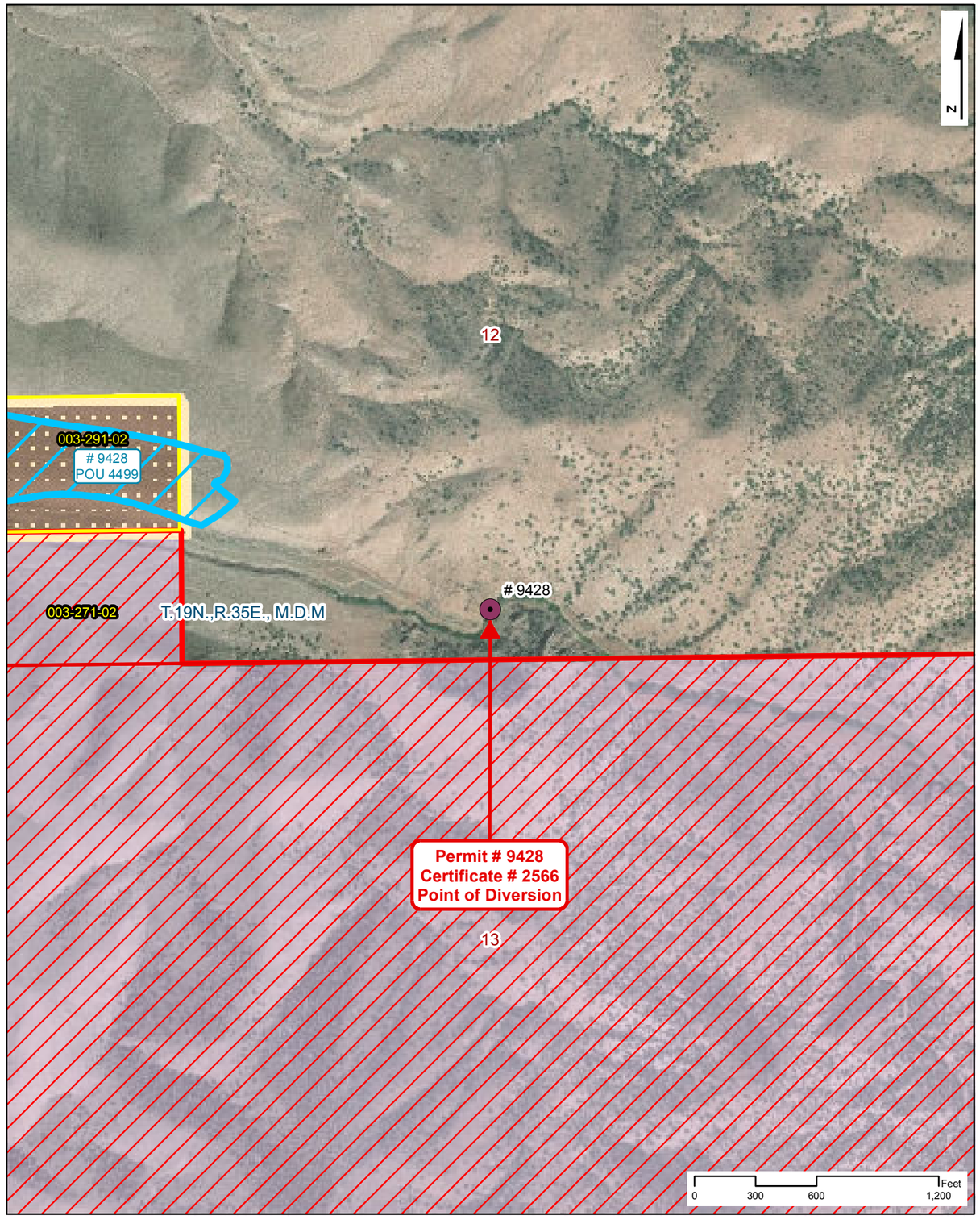
Permit 9428/Certificate 2566 is currently in good standing with the NDWR with no further action required.



Township and Range Index
Scale: 1" = 20 Miles



USGS Quadmap Site Plan Index
Scale: 1" = 1/2 Mile



Point of Diversion Site Plan
Scale: 1" = 600'

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH INVENTORY SERVICES

PERMIT: 9428 **CERTIFICATE: 2566**

BASIN: Dixie Valley (128) **COUNTY: Churchill**
LATITUDE: 39.520255 **LONGITUDE: -117.991635**
POINT OF DIVERSION: **SW1/4,SE1/4, Section 12, T.19N.,R35E., M.D.M.**
PLACE OF USE (DWR Polygon ID): **4499**
PERMIT LAND CATEGORY: **Existing Lands Privately Held**

OWNERSHIP
Horse Creek Ranch

PRIORITY DATE: **3/17/1931**
PERMIT DATE: **12/18/1935**
CERTIFICATE DATE: **1/2/1941**
DUE DATE: **None**

USE UNITS
102.0 Acres

SOURCE DESCRIPTION: **Stream**
MANNER OF USE: **Irrigation**
DIVERSION RATE: **1.084 CFS**
ALLOWED DUTY: **786.000 AFA**
PERIOD OF USE: **01/01-12/31**

GIS PARCEL DATA
A.P.N. 003-271-02, CHURCHILL COUNTY BUREAU OF LAND MANAGEMENT

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index

- Township Range Grid
- Hydrographic Basins

Existing Navy Lands
- Withdrawan
- Non Federal
- Navy Owned

Proposed Navy Lands
- Proposed Withdrawal Expansion
- Non Federal

Point of Diversion Manner of Use

- As Decreed
- Commercial
- Domestic
- Environmental
- Industrial
- Irrigation
- Mining & Milling
- Municipal
- Other
- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

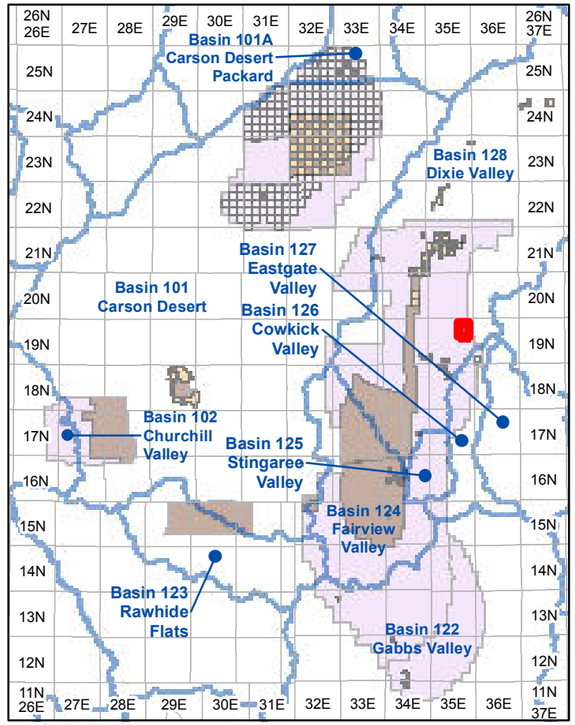
R|O Anderson

PERMIT: 9428
CERTIFICATE: 2566

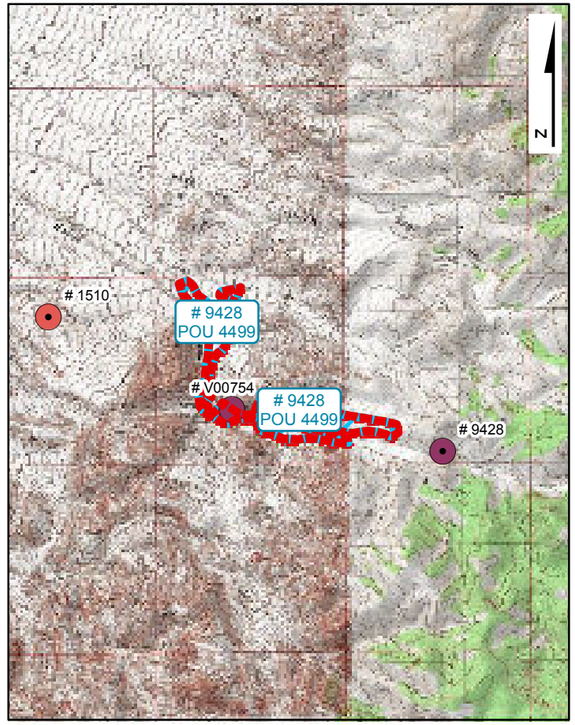
Product of R.O. Anderson Engineering, Inc. -= Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_Permit_Certificate_Maps.mxd -= GIS Specilist: Eric Herron -= Publication Date: 10/5/2019 10:44:28 AM

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH INVENTORY SERVICES
DIVISION OF WATER RESOURCES PLACE OF USE GIS DATA

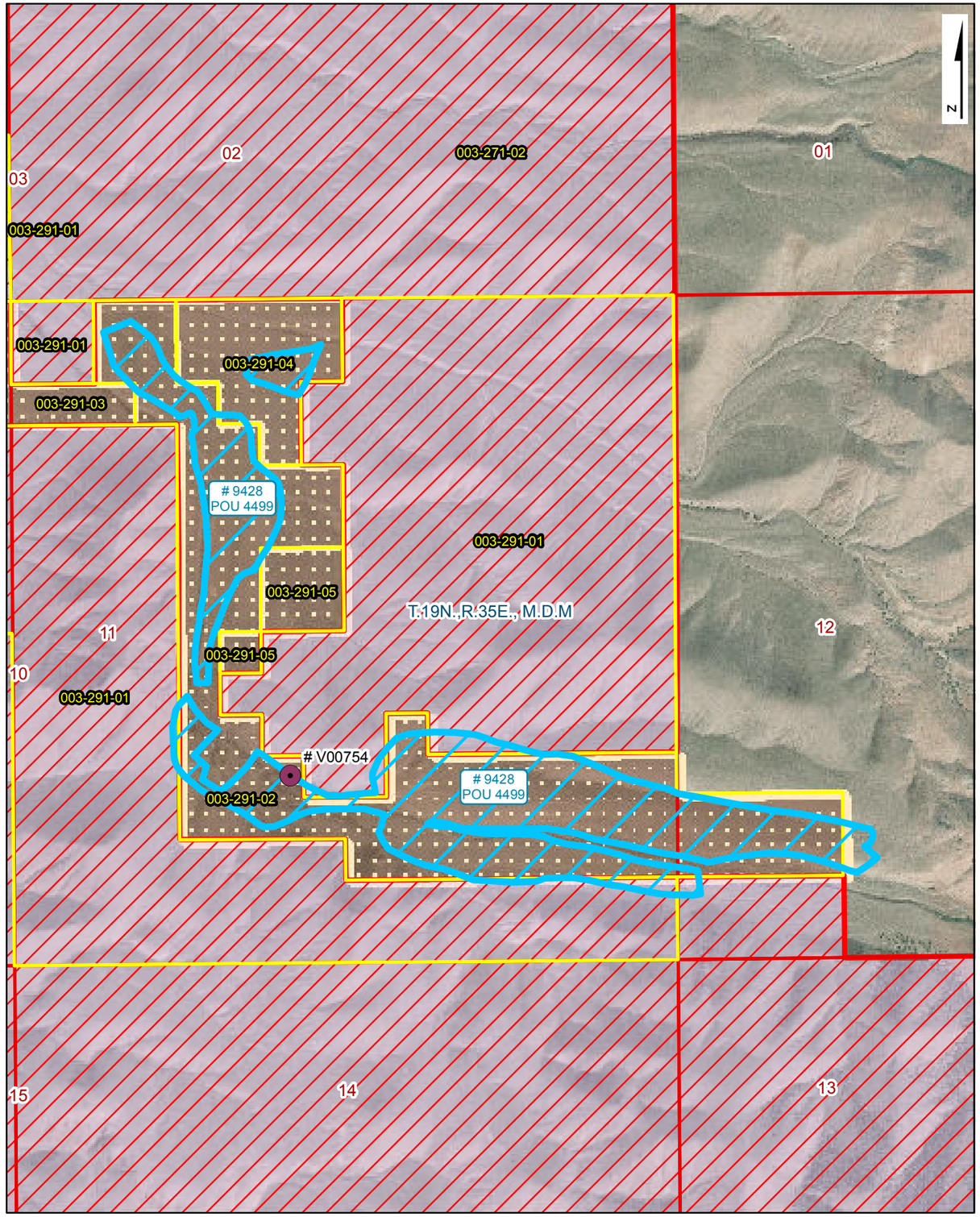
WATER RIGHT: 9428 **DWR POLYGON ID: 4499**



Township and Range Index



USGS Quadmap Site Plan Index



Place of Use Site Plan

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index

- Township Range Grid
- Hydrographic Basins

Existing Navy Lands

- Withdrawan
- Non Federal
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Point of Diversion Manner of Use

- As Decreed
- Commercial
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- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

R O Anderson

WATER RIGHT: 9428
DWR POLYGON ID: 4499

Product of R.O. Anderson Engineering, Inc. -= Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_POU_Maps.mxd =- GIS Specilist: Eric Herron =- Publication Date: 10/5/2019 10:59:35 AM

ASSIGNED Serial No. 9428

APPLICATION FOR PERMIT
TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

Date of first receipt and filing in State Engineer's office MAR 17 1931
Returned to applicant for correction _____
Corrected application filed _____

The undersigned Rubert R. Spencer
Name of applicant
of Dixie Valley, County of Churchill,
State of Nevada, hereby makes application for permission to appropriate the public waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation.) _____

1. The source of the proposed appropriation is Horse Creek
Name of stream, lake, or other source
Churchill County, Nevada

2. The amount of water applied for is one second-feet.
One-second-foot equals 40 miners' inches

3. The water to be used for Irrigation and domestic use
Irrigation, power, mining, manufacturing, domestic, or other use

4. The water is to be diverted from its source at the following point:
N. 84° 40' W., 3,130 feet from the SE corner of Sec. 12, T. 19 N;
Describe as being within a 40-acre subdivision of public survey, or by course and distance to a section corner. If on unsurveyed land, it should be so stated.
R. 35 E., M.D.B.&M., or in the SE¼ SW¼ Sec. 12, T. 19 N; R. 35 E.

IF THE WATER IS TO BE USED FOR IRRIGATION, SUPPLY THE FOLLOWING INFORMATION:

(a) Number of acres to be irrigated is 100

(b) Description of land to be irrigated S½ SW¼ Sec. 12; S½ SE¼; E½ SW¼;
Describe by legal subdivision, or if on unsurveyed land it should
NW¼ SE¼; and SE¼ NW¼ all of sec. 11, the same being in T. 19 N; R.
be so stated and a description provided in accordance with special instruction from the State Engineer when application is returned for correction.
35 E., M.D.B.&M., Unsurveyed, being portions of said lands and
approximately as located.

(c) Use will begin about Jan. 1 and end about Dec. 31, of each year.
Month Month

IF WATER IS TO BE USED FOR POWER, MINING, STOCK WATERING, OR OTHER USE, SUPPLY THE FOLLOWING INFORMATION:

(d) Power to be developed is _____ horsepower.

(e) Works to be located _____
Give 40-acre subdivision on which works will be located, or locate by course and distance to a section-corner.

(f) Point of return of water to stream _____
Describe in same manner as point of diversion.

(g) State number and kinds of animals to be watered _____

(h) Use will begin about _____ and end about _____, of each year.
Month Month

(i) Remarks: This filing continues filing of October 23, 1930, and possession and actual occupation of above lands and maintenance of act of appropriation has been and is continuous to time of this filing.

DESCRIPTION OF PROPOSED WORKS

Small rock and earth dam, water to be conveyed to lands by ditches,

State manner in which water is to be diverted, whether by dam or other works, whether through pipes, ditches, flumes, or other conduits. If water

Some secondary diversion, when necessary, from main channel of creek.

is to be stored in reservoirs, it should be so stated and the location of the reservoir should be given with reference to the legal subdivisions.

5. Estimated cost of works About $500 for dams and ditches

6. Estimated time required to construct works

7. Remarks It will require entire flow of stream at some seasons of year

For use of applicant

in order to secure accumulated amounts to which I will be entitled and which will be necessary to irrigate the land.

Rubert R. Spencer, Applicant.

By

Compared ZDM-CT

This sheet inspected

, Engineer.

JULY 18, 1931, by WILLIAMS ESTATE ~~CO., % COOKE, STODDARD,~~ --RENO, NEVADA. 21723

APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This permit is issued subject to all prior rights on the source. A substantial headgate and weir must be installed and maintained to facilitate the measurement and control of water.

The State reserves the right to regulate the use of the water herein granted at any and all times.

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed One cubic feet per second.

Actual construction work shall begin on or before June 1, 1936

Proof of commencement of work shall be filed before July 1, 1936

Work must be prosecuted with reasonable diligence and be completed on or before June 1, 1938

Proof of completion of work shall be filed before July 1, 1938

Application of water to beneficial use shall be made on or before June 1, 1940. Proof of the application of water to beneficial use must be filed with State Engineer on or before July 1, 1940

WITNESS MY HAND AND SEAL this 18th day of December, 1935.

Alfred Merrick Preuss
State Engineer.

Map Filed March 21, 1936

Proof of commencement of work filed JUL 21 1936

Proof of completion of work filed OCT 14 1938

Cultural Map Filed July 25, 1940.

Proof of Beneficial use filed AUG 1 1940

Certificate No. 2566 Issued Jan. 2, 1941, for 1.084 cfs, or 786 acre-ft per year Irrigation & Domestic.

Recorded Jan. 7, 1941, in Vol. 2, Water Applications, Page 379

Churchill County Records

Abrogated by total 42771

Application No. 9428 Certificate Record No. 2566 Book 8 Page 2566

THE STATE OF NEVADA

CERTIFICATE OF APPROPRIATION OF WATER

WHEREAS, Rubert R. Spencer has presented to the State Engineer of the State of Nevada Proof of Application of Water to Beneficial Use, from Horse Creek through Ditch and laterals for Irrigation and domestic purposes. The point of diversion of water from the source is as follows: In the SW¼ SE¼ of Section 12, Township 19 N., Range 35 E., M.D.B.& M., or at a point that bears N. 83° 44' W., 2,470 feet from the S.E. Corner of said Section 12 situated in Churchill County, State of Nevada.

NOW KNOW YE, That the State Engineer, under the provisions of Section 72, Chapter 140, Statutes of 1913 has determined the date, source, purpose and amount of such appropriation, together with the place to which such water is appurtenant, as follows:

Name of appropriator Rubert R. Spencer

Post-office address Dixie Valley, Nevada

Amount of appropriation 1.084 c.f.s. or 786 acre-feet per year

Period of use, from January 1st to December 31st of each year

Date of priority of appropriation March 17, 1931

Description of lands to which water is appurtenant:-

1.8 acres in the SE¼ SW¼ of Section 12, Township 19 N., Range 35 E., M.D.M.
12.6 acres in the SW¼ SW¼ of Section 12, Township 19 N., Range 35 E., M.D.M.
6.0 acres in the NE¼ SE¼ of Section 11, Township 19 N., Range 35 E., M.D.M.
21.0 acres in the SE¼ SE¼ of Section 11, Township 19 N., Range 35 E., M.D.M.
16.5 acres in the SW¼ SE¼ of Section 11, Township 19 N., Range 35 E., M.D.M.
11.0 acres in the NW¼ SE¼ of Section 11, Township 19 N., Range 35 E., M.D.M.
5.0 acres in the SE¼ SW¼ of Section 11, Township 19 N., Range 35 E., M.D.M.
8.0 acres in the NE¼ SW¼ of Section 11, Township 19 N., Range 35 E., M.D.M.
13.0 acres in the SE¼ NW¼ of Section 11, Township 19 N., Range 35 E., M.D.M.
8.5 acres in the NE¼ NW¼ of Section 11, Township 19 N., Range 35 E., M.D.M.
5.0 acres in the NW¼ NW¼ of Section 11, Township 19 N., Range 35 E., M.D.M.

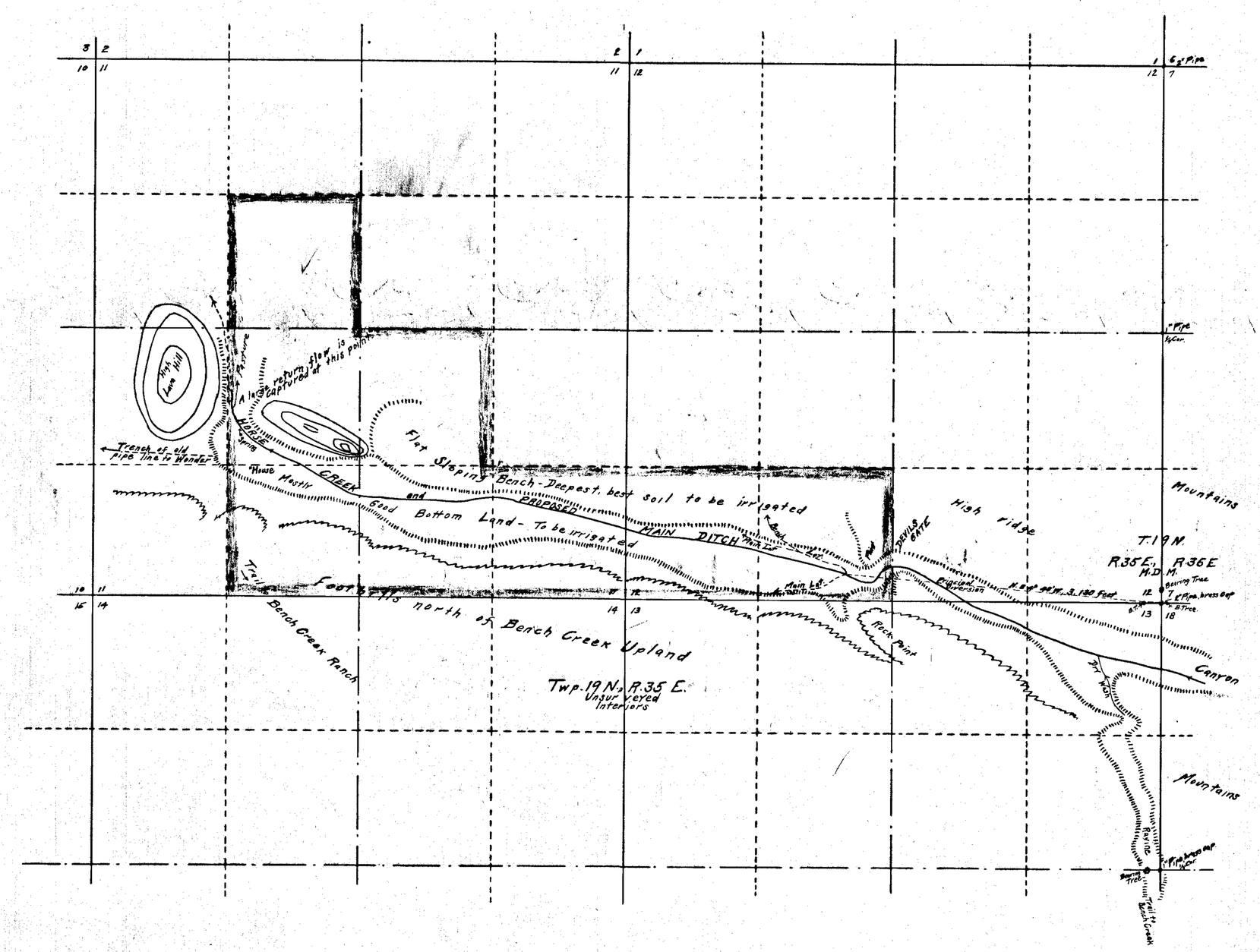
108.4 acres total

The right to water hereby determined is limited to the amount which can be beneficially used, not to exceed the amount above specified, and the use is restricted to the place where acquired and to the purpose for which acquired.

IN TESTIMONY WHEREOF, I Alfred Merritt Smith, State Engineer of Nevada, have hereunto set my hand and the seal of my office, this 2nd day of January A. D. 19 41.

Alfred Merritt Smith
State Engineer.

Recorded Jan. 7, 1941, Bk 2, Water Applications 322
Churchill County Records
Compared BMG C.T.



STATE OF NEVADA }
County of Churchill } ss.

I, Edwin P. Osgood, being first duly sworn, depose and say that this map, consisting of one sheet, has been correctly drawn to the designated scale from field notes of a survey made by me between the 26th day and 28th day of December, 1929, that it truly and correctly represents the proposed location and extent of the works used to divert water from HORSE CREEK, in Churchill County, by RUBERT R. SPENCER, for irrigation purposes; That the proposed point of diversion, the approximate location and size of the diverting channel, all reservoirs or basins, the locations and name of all other works which will cross or connect with the proposed works, and the boundary of all lands, showing by 40 acre subdivisions the areas proposed to be irrigated, are fully and correctly designated thereon.

Edwin P. Osgood
State Water Right Surveyor.

Subscribed and sworn to before me this 25th day of November, 1930

O. B. Winters
Notary Public in and for Churchill County, Nevada.
My commission expires March 26, 1932.

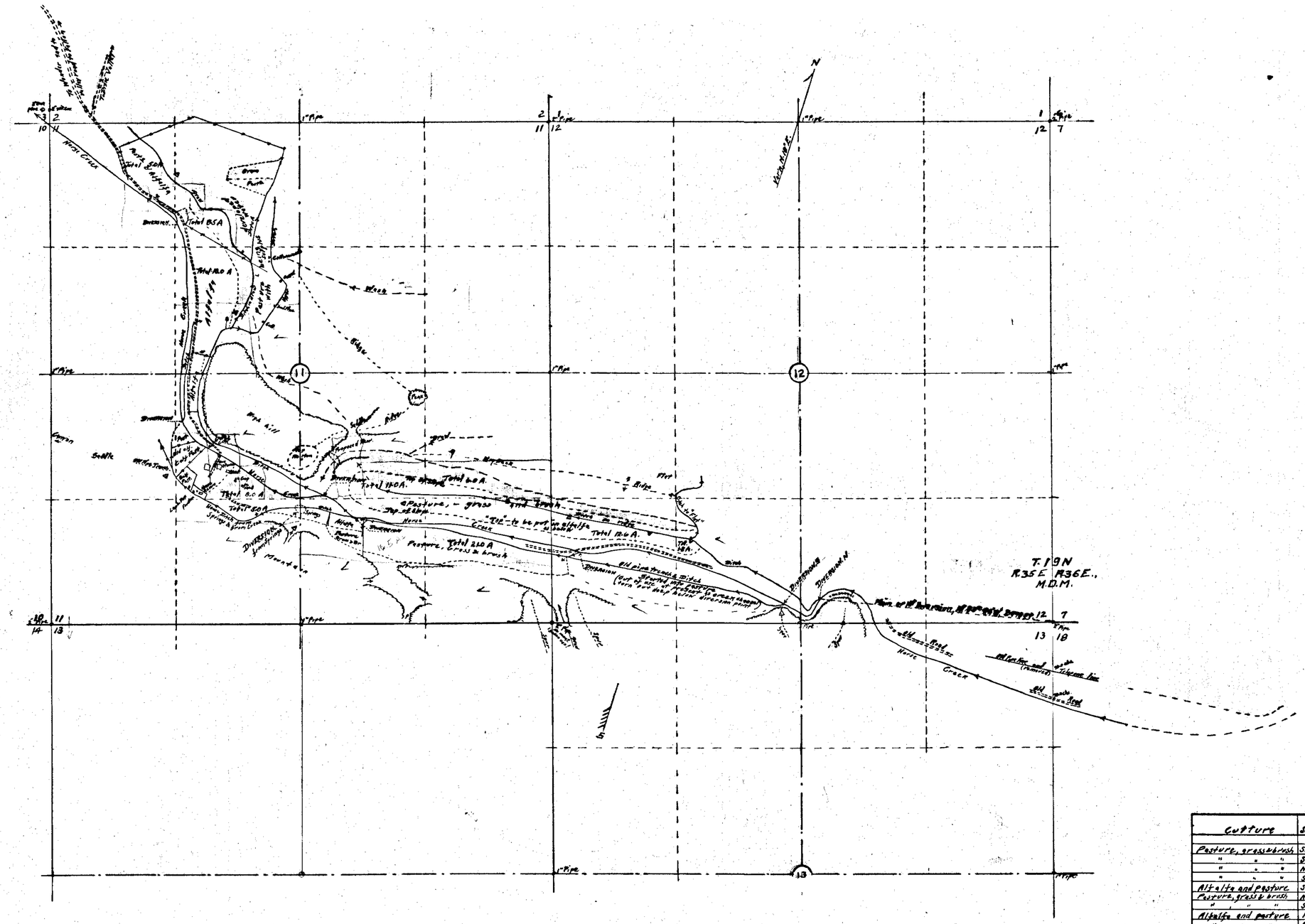
FILED
8-12-31
STATE ENGINEER'S OFFICE

SCALE
1 inch = 600 feet
100 0 500 1000 1500 2000 2500 feet

E. P. Osgood, S. W. R. S. November 26, 1930

MAP
TO ACCOMPANY APPLICATION
No ~~9556~~ 9428
TO APPROPRIATE WATER FOR IRRIGATION BY
RUBERT R. SPENCER FROM HORSE CREEK
CHURCHILL COUNTY
NEVADA

9428



Culture	Subdivision	Sec.	Township	Acres Irr'd
Pasture, grass & brush	SESW	12	T19N.R35E	1.8
" " "	SWSW	"	"	12.6
" " "	NESE	11	"	6.0
" " "	SESE	"	"	21.0
Alfalfa and pasture	SWSE	"	"	16.5
Pasture, grass & brush	NWSE	"	"	11.0
" " "	SESW	"	"	5.0
Alfalfa and pasture	NESW	"	"	8.5
" " "	SENW	"	"	13.0
" " "	NENW	"	"	8.5
" " "	NWNW	"	"	5.0
			Total	108.4

108.9

STATE OF NEVADA }
COUNTY OF ORMSBY } ss.

I, E. P. Osgood, being first duly sworn, depose and say that this map is a true and accurate plat of the lands irrigated by R. R. Spencer, as taken from the field notes of a survey made by me and completed on July 22, 1940, and that the survey and map truly represents the irrigated lands of said appropriator.

E. P. Osgood
State Wat. Rt. Surveyor

Subscribed and sworn to before me this 25th day of July, 1940

C. E. Chief
Notary Public in & for Ormsby County, Nevada

My Commission Expires July 6, 1941

Certificate No. 2566 Issued Jan. 2, 1941

FILED
July 25, 1940
STATE ENGINEER'S OFFICE

OFFICE STATE ENGINEER
JUL 25 40
RECEIVED

MAP
TO ACCOMPANY
APPLICATION NO. 9428
for
PROOF OF BENEFICIAL USE
for
IRRIGATION AND DOMESTIC PURPOSES
from
HORSE CREEK
by
RUBERT R. SPENCER
SCALE
1 inch = 600 feet

100 0 500 1000 1500 2000 2500

E.P. Osgood, State Wat. Rt. Sur. July 21, 1940

9428



Site Search

Permit Information

New Search

App/Permit: 9428
Status: CERTIFICATE
Certificate: 2566

General | Maps & Due Dates | Place of Use | Abrogations/Protests/Rulings | Ownership and Title

Current Ownership Information

(NOTE: Owner names shown here are standardized for retreival purposes only. Verify legal names before submitting any new documentation.)

Owner	Type	Div Rate	Duty	Acres	Change By	APN	County	Description
HORSE CREEK RANCH	C	0	0	0				

Confirmed By:
Effective Date:

Original Owners

Owner
SPENCER, RUBERT R.

Remarks

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

PERMIT 10196/CERTIFICATE 2683

APPURTENANT TO CHURCHILL APN: 002-511-01

BASIN: Fairview Valley (124) **COUNTY:** Churchill

LATITUDE: 39.270108 **LONGITUDE:** -118.244041

OWNERSHIP:	Edward H. Stark, Sr.
PRIORITY DATE:	January 4, 1938
SOURCE DESCRIPTION:	Underground
POINT OF DIVERSION:	NW¼NE¼ Section 11, T.16N., R.33E., M.D.M.
MANNER OF USE:	Stockwatering
USE UNITS:	450 Cattle
PLACE OF USE:	NW¼NE¼ Section 11, T.16N., R.33E., M.D.M.
DIVERSION RATE:	0.014 CFS
ALLOWED DUTY:	10.18 AFA
PERIOD OF USE:	01/01-12/31
STATUS:	Certificated
DUE DATES:	None
REMARKS:	North Well

POD PARCEL:	Churchill County APN 002-511-01
POD PARCEL OWNER:	Bureau of Land Management
POU PARCEL:	Churchill County APN 002-511-01
POU PARCEL OWNER:	Bureau of Land Management

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

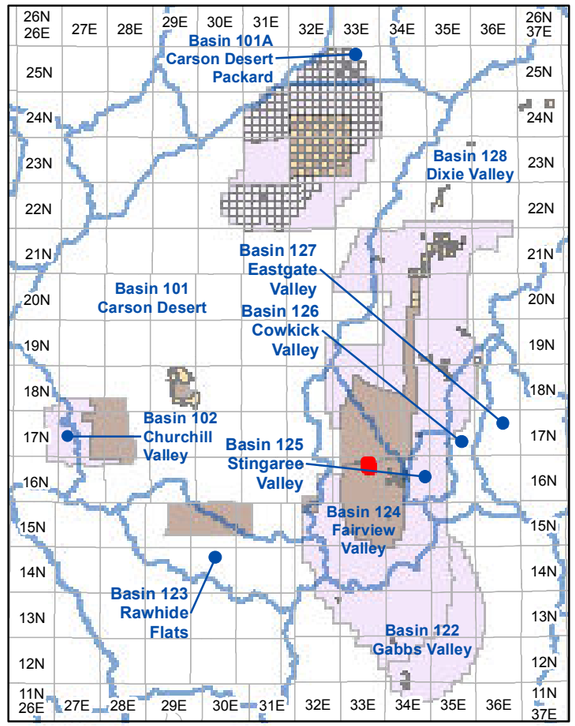
Permit 10196/Certificate 2683

The current owner of Permit 10196/Certificate 2683 is Edward H. Stark, Sr. The permit was approved by the State Engineer on June 9, 1941 and was issued Certificate 2683 on June 29, 1943. It has a priority date of January 4, 1938 and a total duty of 10.18 acre-feet annually with an allowed diversion rate of 0.014 CFS. The permitted manner of use is for stock watering purposes sufficient to water 450 cattle. The allowed period of use is January 1 through December 31.

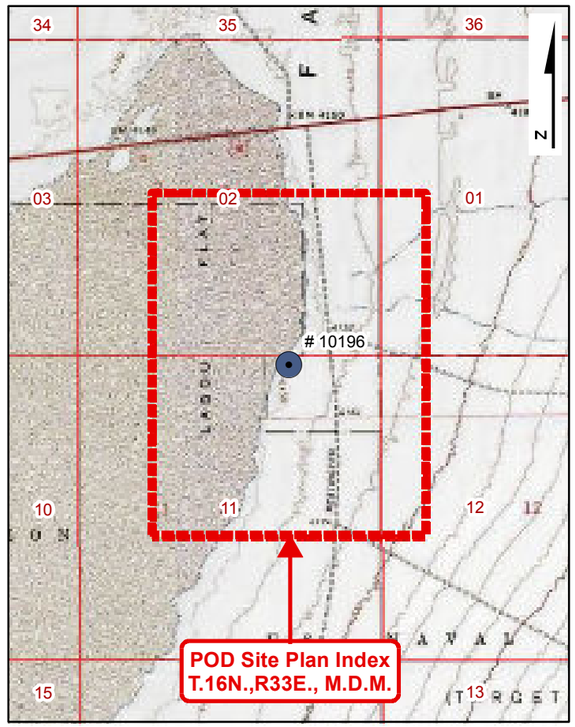
The point of diversion is located within the NW¼NE¼ of Section 11, Township 16N, Range 33E, MDM. The permitted place of use is in the Fairview Valley Basin within Churchill County APN 002-511-01 under the ownership of the Bureau of Land Management and is more specifically listed in the table below.

QQ	Q	Section	Township	Range	Acres
NW	NE	11	16N	33E	

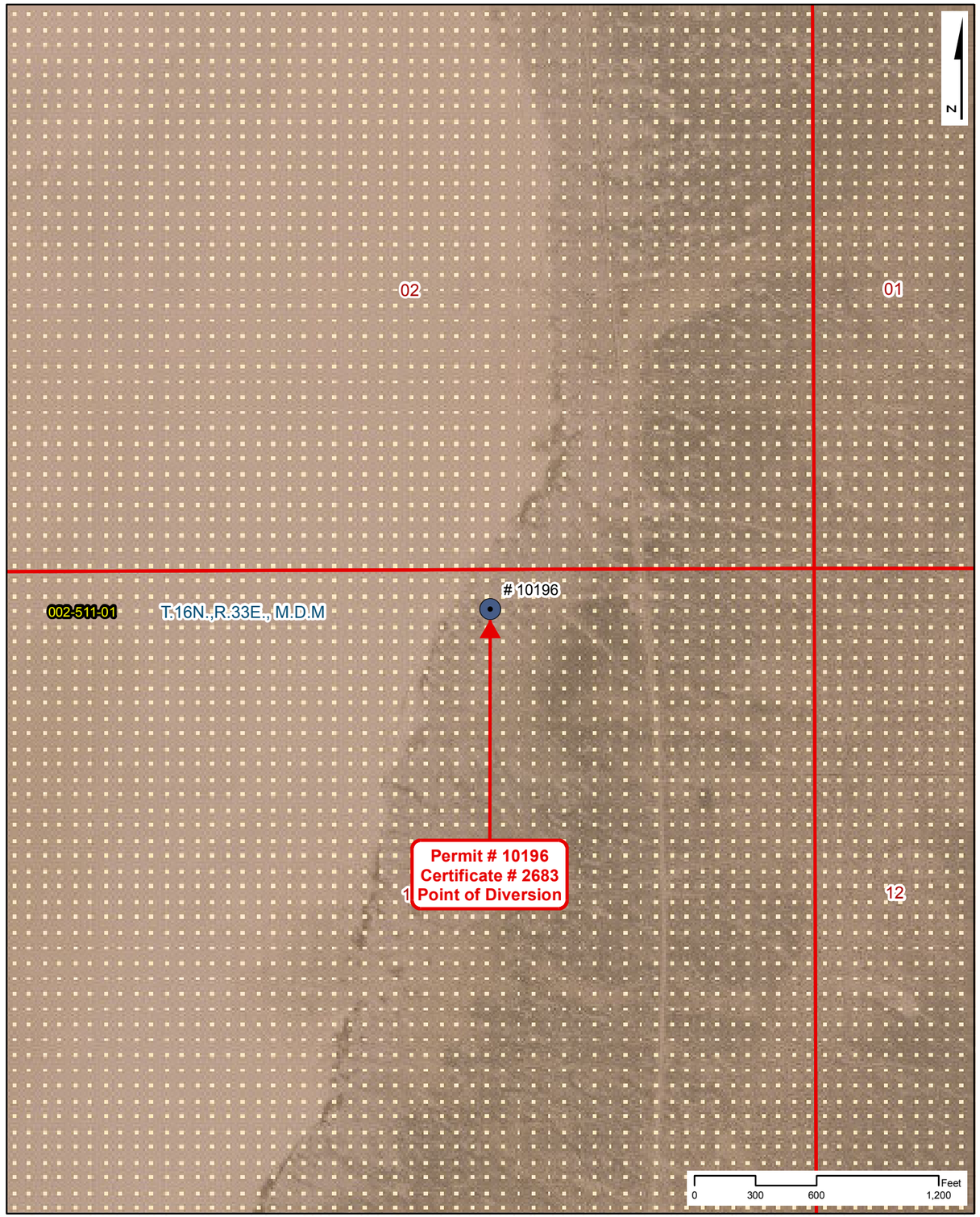
Permit 10196/Certificate 2683 is currently in good standing with the NDWR with no further action required.



Township and Range Index
Scale: 1" = 20 Miles



USGS Quadmap Site Plan Index
Scale: 1" = 1/2 Mile



Point of Diversion Site Plan
Scale: 1" = 600'

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631

WATER RIGHTS RESEARCH INVENTORY SERVICES

PERMIT: 10196 **CERTIFICATE: 2683**

BASIN: Fairview Valley (124) **COUNTY: Churchill**
LATITUDE: 39.270108 **LONGITUDE: -118.244041**
POINT OF DIVERSION: NW1/4,NE1/4, Section 11, T.16N.,R33E., M.D.M.
PLACE OF USE (DWR Polygon ID): N/A
PERMIT LAND CATEGORY: Existing Lands Privately Held

OWNERSHIP

Stark, Edward H., Sr.

PRIORITY DATE: 1/4/1938
PERMIT DATE: 6/9/1941
CERTIFICATE DATE: 6/29/1943
DUE DATE: None

USE UNITS

450 Cattle

SOURCE DESCRIPTION: Underground
MANNER OF USE: Stock-Watering
DIVERSION RATE: 0.014 CFS
ALLOWED DUTY: 10.180 AFA
PERIOD OF USE: 01/01-12/31

GIS PARCEL DATA

A.P.N. 002-511-01, CHURCHILL COUNTY
BUREAU OF LAND MANAGEMENT

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index

- Township Range Grid
- Hydrographic Basins

Existing Navy Lands

- Withdrawan
- Non Federal
- Navy Owned

Proposed Navy Lands

- Proposed Withdrawal Expansion
- Non Federal

Point of Diversion Manner of Use

- As Decreed
- Commercial
- Domestic
- Environmental
- Industrial
- Irrigation
- Mining & Milling
- Municipal
- Other
- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

R|O Anderson

PERMIT: 10196
CERTIFICATE: 2683

Product of R.O. Anderson Engineering, Inc. -= Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_Permit_Certificate_Maps.mxd -= GIS Specilist: Eric Herron -= Publication Date: 10/5/2019 10:44:32 AM

ASSIGNED

APPLICATION FOR PERMIT Serial No. 10196

TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

Date of first receipt and filing in State Engineer's office JAN -4 1938
Returned to applicant for correction
Corrected application filed

The undersigned C. B. Stark
Name of applicant
of Fallon, County of Churchill,
State of Nevada, hereby makes application for permission to appropriate the public waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation.)

1. The source of the proposed appropriation is
Name of stream, lake, or other source
Underground waters

2. The amount of water applied for is .05 second-feet.
One second-foot equals 40 miners' inches

3. The water to be used for Stock watering & domestic
Irrigation, power, mining, manufacturing, domestic, or other use

4. The water is to be diverted from its source at the following point:
NW¼ of NE¼ Sec.11, T. 16 N., R. 33 E. Approximately 1100 ft. East
Describe as being within a 40-acre subdivision of public survey, or by course and distance to a section corner. If on unsurveyed land, it should be so stated.
183 ft. South of Cor. ¼ S.2
S.11

IF THE WATER IS TO BE USED FOR IRRIGATION, SUPPLY THE FOLLOWING INFORMATION:

(a) Number of acres to be irrigated is

(b) Description of land to be irrigated
Describe by legal subdivision, or if on unsurveyed land it should be so stated and a description provided in accordance with special instruction from the State Engineer when application is returned for correction.

(c) Use will begin about _____ (Month) and end about _____ (Month), of each year.

IF WATER IS TO BE USED FOR POWER, MINING, STOCK WATERING, OR OTHER USE, SUPPLY THE FOLLOWING INFORMATION:

(d) Power to be developed is horsepower.

(e) Works to be located NW¼ of NE¼ Sec. 11, T. 16 N., R. 33 E.
Give 40-acre subdivision on which works will be located, or locate by course and distance to a section-corner.

(f) Point of return of water to stream
Describe in same manner as point of diversion.

(g) State number and kinds of animals to be watered 500 cattle

(h) Use will begin about Jan. 1 (Month) and end about Dec. 31 (Month), of each year.

(i) Remarks There is a well at this location. Drilled about the year 1907. Abandoned until fall of year 1934. Partly equipped by drouth relief agency and partly by me, used by myself continuously in fall and winter since Oct. 1934.

DESCRIPTION OF PROPOSED WORKS

State manner in which water is to be diverted, whether by dam or other works, whether through pipes, ditches, flumes, or other conduits. If water is to be stored in reservoirs, it should be so stated and the location of the reservoir should be given with reference to the legal subdivisions.

Water is pumped by use of gas engine, pump-jack and deep well cylinder, into stock-watering tanks. Tanks located within few ft. of well.

5. Estimated cost of works $250.00 material $100.00 labor
No estimate on drilling cost.

6. Estimated time required to construct works Already constructed.

7. Remarks This well is known as Well No. 16-Z1-24. I have permit to run 450 cattle under Taylor Grazing Act within area upon which this well is located.

For use of applicant

_____, Applicant.

By C. B. Stark.

Compared RMG-CT

This sheet inspected _____

_____, Engineer.

APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This permit is issued subject to all prior rights on the source. The State reserves the right to regulate the use of the water herein granted at any and all times.

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed 0.016 of a cubic foot per second.

Actual construction work shall begin on or before January 1, 1942

Proof of commencement of work shall be filed before February 1, 1942

Work must be prosecuted with reasonable diligence and be completed on or before January 1, 1944

Proof of completion of work shall be filed before February 1, 1944

Application of water to beneficial use shall be made on or before January 1, 1945. Proof of the application of water to beneficial use must be filed with State Engineer on or before February 1, 1945

WITNESS MY HAND AND SEAL this 9th day of June, 1941

Alfred Merritt Smith
State Engineer.

Map Filed Mar. 25, 1938
Proof of commencement of work filed MAY 12 1942
Proof of completion of work filed FEB 23 1943
Map filed February 23, 1943
Proof of beneficial use filed FEB 23 1943
Certificate No. 2683 Issued June 29, 1943, for 0.014 c/s or suff. to water 450 cattle
Recorded July 1, 1943 Bk. 2 of WA Page 429
Churchill County Records
Compared RMG-CT

ASSIGNED

Application No. 10196

Certificate Record No. 2633 Book 8 Page 2683

THE STATE OF NEVADA
CERTIFICATE OF APPROPRIATION OF WATER

WHEREAS, C. B. Stark has presented to the State Engineer of the State of Nevada Proof of Application of Water to Beneficial Use, from Underground source through well, pump and tanks for Stockwatering purposes. The point of diversion of water from the source is as follows: in the NW¼ NE¼ Section 11, Township 16 N., Range 33 E., M.D.B.& M., or at a point from which the N.¼ Corner of said Section 11 bears N. 80° W., 1,060 feet, situated in Churchill County, State of Nevada.

NOW KNOW YE, That the State Engineer, under the provisions of Section 72, Chapter 46, Statutes of 1937 has determined the date, source, purpose and amount of such appropriation, together with the place to which such water is appurtenant, as follows:

Name of appropriator C. B. Stark

Post-office address Fallon, Nevada

Amount of appropriation 0.014 c.f.s. or sufficient to water 450 head of cattle

Period of use, from January 1st to December 31st of each year

Date of priority of appropriation January 4, 1938

Description of works of diversion, manner and place of use:-
Water is diverted from a drilled well by means of Meyers deep well pump powered by a 5 H.P. Fairbanks-Morse gasoline pump and conveyed to a concrete tank 12 feet long and 2 iron tanks each 10 feet long located adjacent to well in the NW¼ NE¼ of said Section 11. Records of the State Engineer's Office indicate that this well is probably one that was drilled by the NERA Drought Relief Program and designated as Project No. 16-320-242, said well being approximately 1,000 feet deep and lined with 6 inch casing.

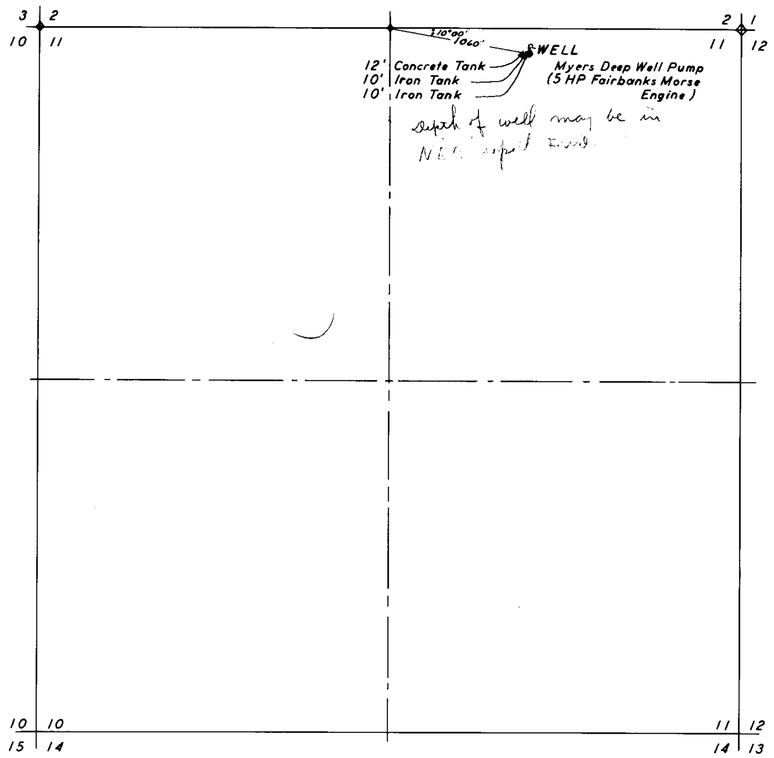
The right to water hereby determined is limited to the amount which can be beneficially used, not to exceed the amount above specified, and the use is restricted to the place where acquired and to the purpose for which acquired.

IN TESTIMONY WHEREOF, I, Alfred Merritt Smith, State Engineer of Nevada, have hereunto set my hand and the seal of my office, this 29th day of June, A. D. 1943.

Alfred Merritt Smith
State Engineer.

rded July 1, 1943, Bk 2 of W. Rights Page 229
Churchill County Records
pared CT-RMA

T. 16 N. R. 33 E.



STATE OF NEVADA)
County of Churchill) SS.

I, HUGH M. WILSON, being first duly sworn, depose and say that this map, has been correctly drawn to the designated scale from field notes of a survey made by me on the 3rd day of May 1942; that it correctly represents the location of the Well used in Churchill County, by C. B. Stark for stock watering purposes.

Hugh M. Wilson
State Water Right Surveyor

Subscribed and Sworn to before me this 4th day of May 1942.

Eli Cann
Notary Public in and for Churchill County, Nevada

My Commission Expires Nov. 19 1948

2683 June 29, 1943.

February 23, 1943

Scale: 1" = 600'

MAP

TO ACCOMPANY APPLICATION TO APPROPRIATE WATER FOR STOCKWATERING BY C. B. STARK FROM LABOU FLAT (FRENCHMAN FLAT) WELL.

Surveyed: H.M.W. Drawn: E.M.T.

Date: May 4, 1942

10196

3 | 2
10 | 11

North ¼ corner of Section 11, T.16N.R.33E.

2 | 1
11 | 12

S80°00'E
1060 Ft.

STARK'S STOCK WATER WELL

See letter Feb 25, 1938 requesting that description of proposed works be described here on

N

SECTION 11,
T.16N.R.33E.

10 | 11
15 | 14

11 | 12
14 | 13

See letter
Feb 25
Re title

STATE OF NEVADA.
County of Churchill } S.S.

I, Hugh M. Wilson, being first duly sworn, depose and say that this map, has been correctly drawn to the designated scale from field notes of a survey made by me the 2nd day of January 1935; that it correctly represents the location and extent of a well used in Churchill County, by C.B. STARK for Stock Watering purposes.

Hugh M. Wilson
STATE WATER RIGHT SURVEYOR

Subscribed and sworn to before me this 21st day of Feby, 1938

NOTARY PUBLIC IN AND FOR CHURCHILL COUNTY, NEVADA
My Commission expires

10196

FILED
March 25, 1938
STATE ENGINEER'S OFFICE

MAP APPLICATION
TO ACCOMPANY [redacted]
TO APPROPRIATE FOR
STOCKWATERING BY
C.B. STARK FROM A WELL
SCALE: 1 inch = 300 Feet

10196

State of Nevada
Division of Water Resources

Site Search

Permit Information

New Search

App/Permit: 10196
Status: CERTIFICATE
Certificate: 2683

General | Maps & Due Dates | Place of Use | Abrogations/Protests/Rulings | Ownership and Title

Current Ownership Information

(NOTE: Owner names shown here are standardized for retreival purposes only. Verify legal names before submitting any new documentation.)

Owner	Type	Div Rate	Duty	Acres	Change By	APN	County	Description
STARK, EDWARD H. SR.	C	0	0	0				

Confirmed By:
Effective Date:

Original Owners

Owner
STARK, C.B.

Remarks

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

PERMIT 11477/CERTIFICATE 4295

BASIN: Fairview Valley (124) **COUNTY:** Churchill

LATITUDE: 39.337553 **LONGITUDE:** -118.196417

OWNERSHIP:	Takacs, Gary R. and Barbara F.
PRIORITY DATE:	01/04/1946
SOURCE DESCRIPTION:	Underground – North Well - Well Log 54
POINT OF DIVERSION:	NE¼SW¼ Section 18, T.17N., R.34E., M.D.M.
MANNER OF USE:	Stockwatering
USE UNITS:	400 Cattle
PLACE OF USE:	NE¼SW¼ Section 18, T.17N., R.34E., M.D.M.
DIVERSION RATE:	0.012 CFS
ALLOWED DUTY:	4.48 AFA
PERIOD OF USE:	10/01 – 03/31
STATUS:	Certificated
DUE DATES:	None
REMARKS:	Taylor Grazing Permit

POD PARCEL:	Churchill County APN 002-771-06
POD PARCEL OWNER:	Bureau of Land Management
POU PARCEL:	Churchill County APN 002-771-06
POU PARCEL OWNER:	Bureau of Land Management

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

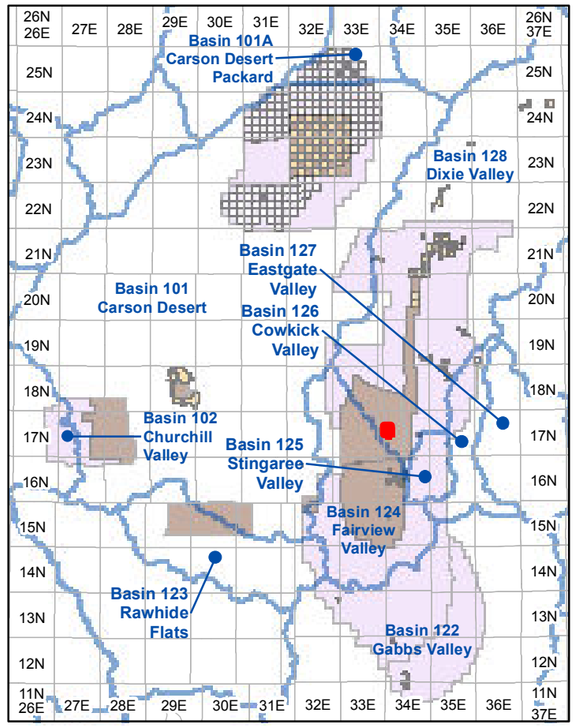
Permit 11477/Certificate 4295

The current owners of Permit 11477/Certificate 4295 are Barbara F. and Gary R. Takacs. The permit was approved by the State Engineer on March 8, 1955 and was issued Certificate 4295 on February 13, 1956. It has a priority date of January 4, 1946 and a total duty of 4.48 acre-feet annually with an allowed diversion rate of 0.012 CFS. The permitted manner of use is for stock watering purposes sufficient to water 400 cattle. The allowed period of use is October 1 through March 31.

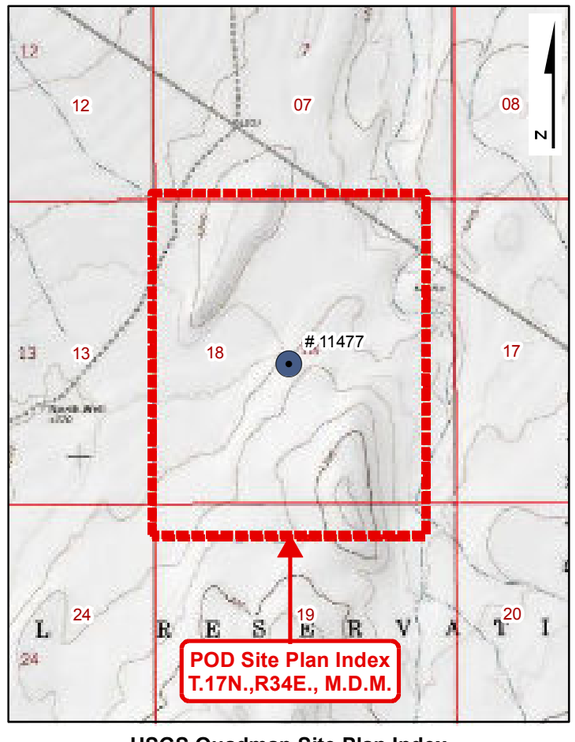
The point of diversion is located within the NE¼SW¼ of Section 18, Township 17N, Range 34E, MDM. The permitted place of use is in the Fairview Valley Basin within Churchill County APN 002-771-06 under the ownership of the Bureau of Land Management and is more specifically listed in the table below.

QQ	Q	Section	Township	Range	Acres
NE	SW	18	17N	34E	

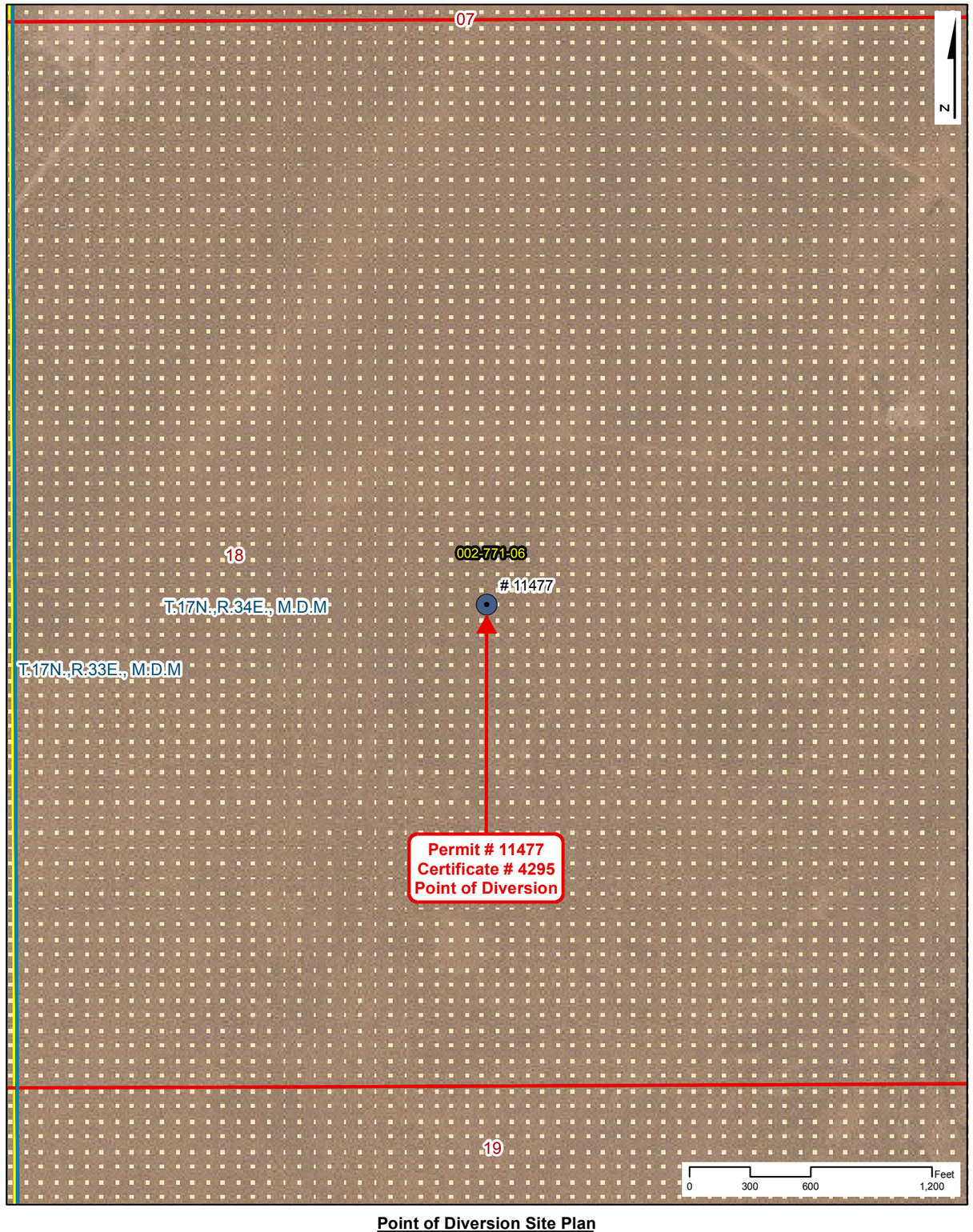
Permit 11477/Certificate 4295 is currently in good standing with the NDWR with no further action required.



Township and Range Index
Scale: 1" = 20 Miles



USGS Quadmap Site Plan Index
Scale: 1" = 1/2 Mile



Point of Diversion Site Plan
Scale: 1" = 600'

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH INVENTORY SERVICES

PERMIT: 11477 — **CERTIFICATE: 4295**

BASIN: Fairview Valley (124) — **COUNTY: Churchill**
LATITUDE: 39.337553 — **LONGITUDE: -118.196417**
POINT OF DIVERSION: NE1/4,SW1/4, Section 18, T.17N.,R34E., M.D.M.
PLACE OF USE (DWR Polygon ID): N/A
PERMIT LAND CATEGORY: Existing Lands Privately Held

OWNERSHIP
Takacs, Barbara F.

PRIORITY DATE: 1/4/1946
PERMIT DATE: 3/8/1955
CERTIFICATE DATE: 2/13/1956
DUE DATE: None

USE UNITS
400 Cattle

SOURCE DESCRIPTION: Underground
MANNER OF USE: Stock-Watering
DIVERSION RATE: 0.012 CFS
ALLOWED DUTY: 4.480 AFA
PERIOD OF USE: 10/01-03/31

GIS PARCEL DATA
A.P.N. 002-771-06, CHURCHILL COUNTY
BUREAU OF LAND MANAGEMENT

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index
- Township Range Grid
- Hydrographic Basins

Existing Navy Lands
- Withdrawan
- Non Federal
- Navy Owned

Proposed Navy Lands
- Proposed Withdrawal Expansion
- Non Federal

Point of Diversion Manner of Use
- As Decreed
- Commercial
- Domestic
- Environmental
- Industrial
- Irrigation
- Mining & Milling
- Municipal
- Other
- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

R|O Anderson

PERMIT: 11477
CERTIFICATE: 4295

Product of R.O. Anderson Engineering, Inc. -= Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_Permit_Certificate_Maps.mxd -= GIS Specilist: Eric Herron -= Publication Date: 10/5/2019 10:44:38 AM

ASSIGNED

AMENDED

APPLICATION FOR PERMIT Serial No. 11477
TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

Date of first receipt and filing in State Engineer's office JAN 4 1946
Returned to applicant for correction MAY 9 1946
Corrected application filed JAN 4 1946

The undersigned Clyde B. Stark
Name of applicant
of Fallon, County of Churchill,
State of Nevada, hereby makes application for permission to appropriate the public waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation.)

1. The source of the proposed appropriation is Underground
Name of stream, lake, or other source

2. The amount of water applied for is 0.1 second-feet.
One second-foot equals 40 miners' inches.

3. The water to be used for Stockwatering
Irrigation, power, mining, manufacturing, domestic, or other use

4. The water is to be diverted from its source at the following point: In the NE¼ SW¼ Sec. 18, T. 17 N., R. 34 E., or at a point from which the NW section corner of said Sec. 18 bears N. 39° 18' W., 3750 feet.
Describe as being within a 40-acre subdivision of public survey, or by course and distance to a section corner. If on unsurveyed land, it should be so stated.

IF THE WATER IS TO BE USED FOR IRRIGATION, SUPPLY THE FOLLOWING INFORMATION:

(a) Number of acres to be irrigated is

(b) Description of land to be irrigated
Describe by legal subdivision, or if on unsurveyed land it should be so stated and a description provided in accordance with special instruction from the State Engineer when application is returned for correction.

(c) Use will begin about _____ (Month) and end about _____ (Month), of each year.

IF WATER IS TO BE USED FOR POWER, MINING, STOCK WATERING, OR OTHER USE, SUPPLY THE FOLLOWING INFORMATION:

(d) Power to be developed is horsepower.

(e) Place of use NE¼ SW¼ Sec. 18, T. 17 N., R. 34 E.
Give location of place of use by legal subdivision.

(f) Point of return of water to stream
Describe in same manner as point of diversion.

(g) State number and kinds of animals to be watered 400 cattle

(h) Use will begin about Oct. 1st (Month) and end about March 30th (Month), of each year.

(i) Remarks Have Taylor grazing permit for 400 head in this area.

DESCRIPTION OF PROPOSED WORKS

Drilled well. Water to be piped to watering tanks.

State manner in which water is to be diverted, whether by dam or other works, whether through pipes, ditches, flumes, or other conduits. If water is to be stored in reservoirs, it should be so stated and the location of the reservoir should be given with reference to the legal subdivisions.

Windmill & gas engine.

5. Estimated cost of works $2,500.00

6. Estimated time required to construct works 60 days

7. Remarks

For use of applicant

Clyde B. Stark, Applicant.

By

Compared B.A.T.

This sheet inspected

, Engineer.

Protested July 11, 1946 by Louis H. & Myrtle Danberg.
Protested July 27, 1946 by Thomas Ormachea

APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This permit is issued subject to all existing rights on the source. It is understood that the amount of water herein granted is only a temporary allowance and that the final water right obtained under this permit will be dependent upon the number of stock watered daily, which number must be stated in the proof of beneficial use when filed. The State retains the right to regulate the use of the water herein granted at any and all times.

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed 0.0125 cubic feet per second, or sufficient to water 400 head of cattle.

Actual construction work shall begin on or before September 8, 1955

Proof of commencement of work shall be filed before October 8, 1955

Work must be prosecuted with reasonable diligence and be completed on or before September 8, 1956

Proof of completion of work shall be filed before October 8, 1956

Application of water to beneficial use shall be made on or before September 8, 1957. Proof of the application of water to beneficial use must be filed with State Engineer on or before October 8, 1957

Filed MAY 13 1946

Proof of commencement of work filed AUG 15 1955

Proof of Completion of work filed AUG 15 1955

PROOF OF BENEFICIAL USE FILED AUG 15 1955

Certificate No. 2295 Issued Feb. 13, 1956 for 0.0125 c.f.s. stockwatering

Recorded Feb. 14, 1956 Bk 3 W.R. Page 366

Marshall County Records

WITNESS MY HAND AND SEAL this 8th day of March, 1956.

State Engineer.

Application No. 11477 Certificate Record No. 4295 Book 13 Page 295 ASSIGNED

THE STATE OF NEVADA

CERTIFICATE OF APPROPRIATION OF WATER

WHEREAS, Clyde B. Stark has presented to the State Engineer of the State of Nevada Proof of Application of Water to Beneficial Use, from Underground (North Well) through well and troughs for stockwatering purposes. The point of diversion of water from the source is as follows: NE¼ SW¼ Section 18, T. 17 N., R. 34 E., M.D.B. & M., or at a point from which the NW corner of said Sec. 18, bears N. 39° 18' W., 3,750 feet. situated in Churchill County, State of Nevada.

NOW KNOW YE, That the State Engineer, under the provisions of Section 72, Chapter 46, Statutes of 1937 has determined the date, source, purpose and amount of such appropriation, together with the place to which such water is appurtenant, as follows:

Name of appropriator Clyde B. Stark

Post-office address Fallon, Nevada

Amount of appropriation 0.0125 or sufficient to water 400 cattle.

Period of use, from October 1st to March 31st of following year.

Date of priority of appropriation January 4, 1946

Description of place and manner of use: Water is developed by a well 363 feet deep cased with 6" casing and equipped with a windmill and troughs. The place of use is in the NE¼ SW¼ Section 18, T. 17 N., R. 34 E., M.D.B. & M.

The right to water hereby determined is limited to the amount which can be beneficially used, not to exceed the amount above specified, and the use is restricted to the place where acquired and to the purpose for which acquired.

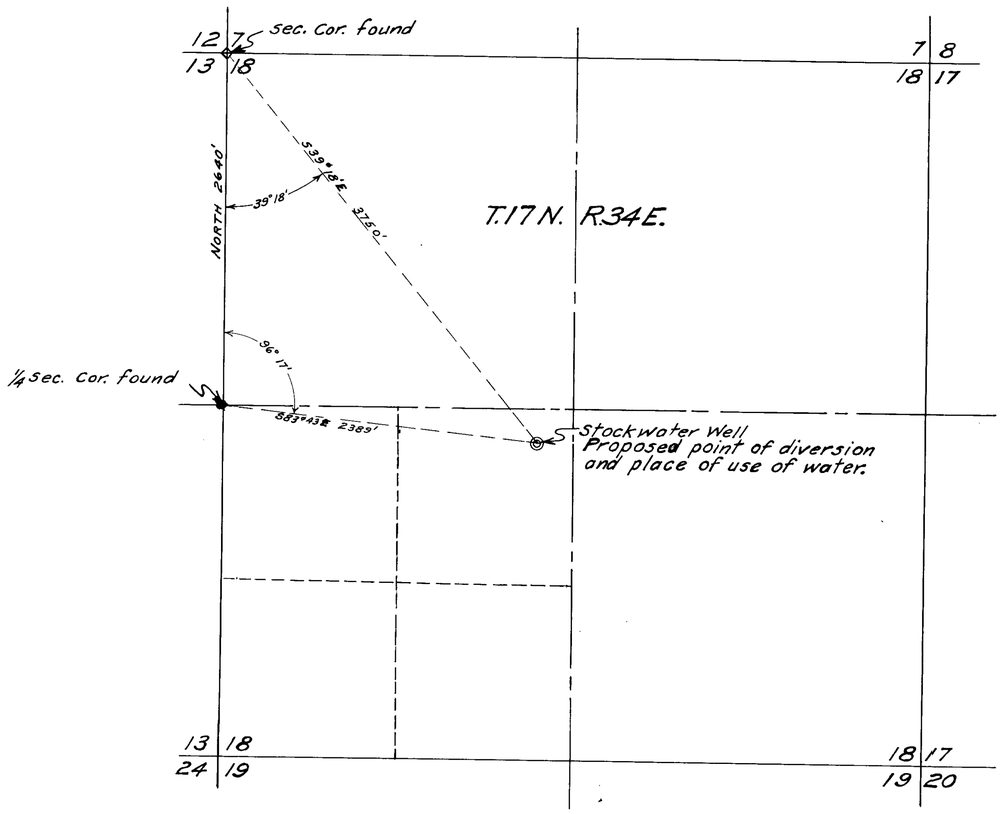
IN TESTIMONY WHEREOF, I HUGH A. SHAMBERGER, State Engineer of Nevada, have hereunto set my hand and the seal of my office, this 13th day of February A. D. 1956.

State Engineer.

Recorded Feb. 14, 1956 Bk. 3 W.R. Page 306 Churchill County Records

Compared [illegible]

1923



N

STATE OF NEVADA }
County of Churchill } ss

I, Hugh M. Wilson, being first duly sworn, depose and say that this map has been correctly drawn to the designated scale from field notes of a survey made by me on the 15th. day of February, 1946; that it truly and correctly represents the location and works used for stockwatering purposes by C.B. Stark in Section 18, T.17N. R.34E. Churchill County, Nevada.

Hugh M. Wilson
STATE WATER RIGHT SURVEYOR

Subscribed and sworn to before me this 4th day of March 1946.

Eli Ann
Notary Public

1/2 MILE
SCALE: 1" = 600'

May 13, 1946

MAP

TO ACCOMPANY APPLICATION TO APPROPRIATE WATER FOR STOCK WATERING BY C.B. STARK FROM WELL IN SEC. 18 T.17N. R34E.

11477



Site Search

Permit Information

New Search

App/Permit: 11477
Status: CERTIFICATE
Certificate: 4295

General | Maps & Due Dates | Place of Use | Abrogations/Protests/Rulings | Ownership and Title

Current Ownership Information

(NOTE: Owner names shown here are standardized for retreival purposes only. Verify legal names before submitting any new documentation.)

Owner	Type	Div Rate	Duty	Acres	Change By	APN	County	Description
TAKACS, BARBARA F.	C	0	0	0				
TAKACS, GARY R.	C	0	0	0				

Confirmed By:
Effective Date:

Original Owners

Owner
STARK, CLYDE B.

Remarks

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

PERMIT 11509/CERTIFICATE 4294

BASIN: Fairview Valley (124) **COUNTY:** Churchill

LATITUDE: 39.279091 **LONGITUDE:** -118.271547

OWNERSHIP:	Edward H. Stark, Sr.
PRIORITY DATE:	March 5, 1946
SOURCE DESCRIPTION:	Underground – Frenchman Station Well
POINT OF DIVERSION:	SW¼NW¼ Section 3, T.16N., R.33E., M.D.M.
MANNER OF USE:	Stockwatering
USE UNITS:	200 Cattle
PLACE OF USE:	W½NW¼ Section 3, T.16N., R.33E., M.D.M.
DIVERSION RATE:	0.006 CFS
ALLOWED DUTY:	2.18 AFA
PERIOD OF USE:	10/01-03/31
STATUS:	Certificated
DUE DATES:	None

REMARKS:

POD PARCEL:	Churchill County APN 002-511-02
POD PARCEL OWNER:	Bureau of Land Management
POU PARCEL:	Churchill County APN 002-511-02
POU PARCEL OWNER:	Bureau of Land Management

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

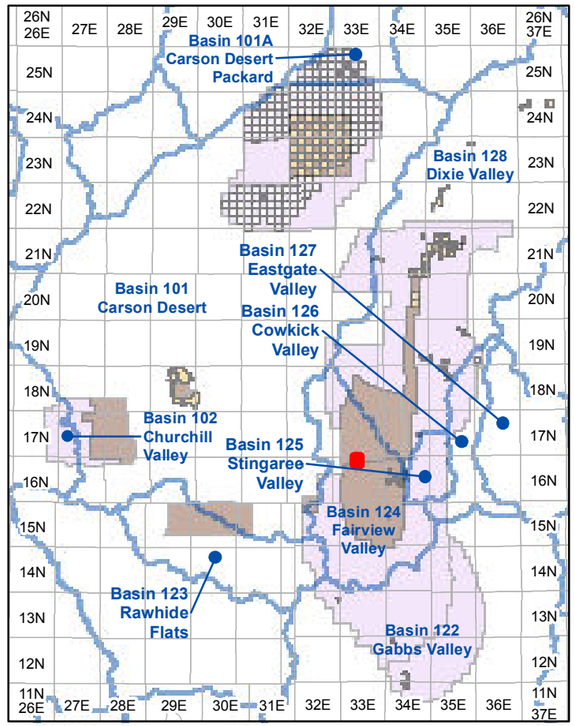
Permit 11509/Certificate 4294

The current owner of Permit 11509/Certificate 4294 is Edward H. Stark, Sr. The permit was approved by the State Engineer on March 8, 1955 and was issued Certificate 4294 on February 13, 1956. It has a priority date of March 5, 1946 and a total duty of 2.18 acre-feet annually with an allowed diversion rate of 0.006 CFS permitted for stock watering purposes sufficient to water 200 cattle. The allowed period of use is October 1 through March 31.

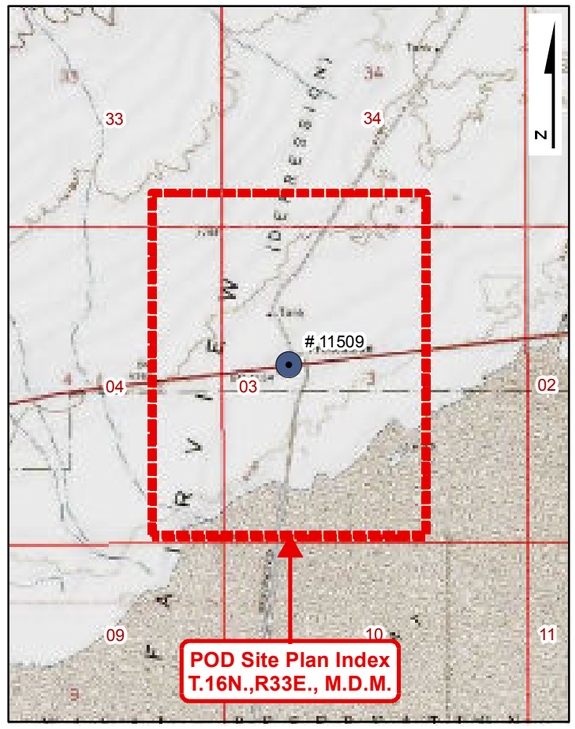
The point of diversion is located within the SW¼NW¼ of Section 3, Township 16N, Range 33E, MDM. The permitted place of use is in the Fairview Valley Basin within Churchill County APN 002-511-01 under the ownership of the Bureau of Land Management and is more specifically listed in the table below.

QQ	Q	Section	Township	Range	Acres
W1/2	NW	11	16N	33E	

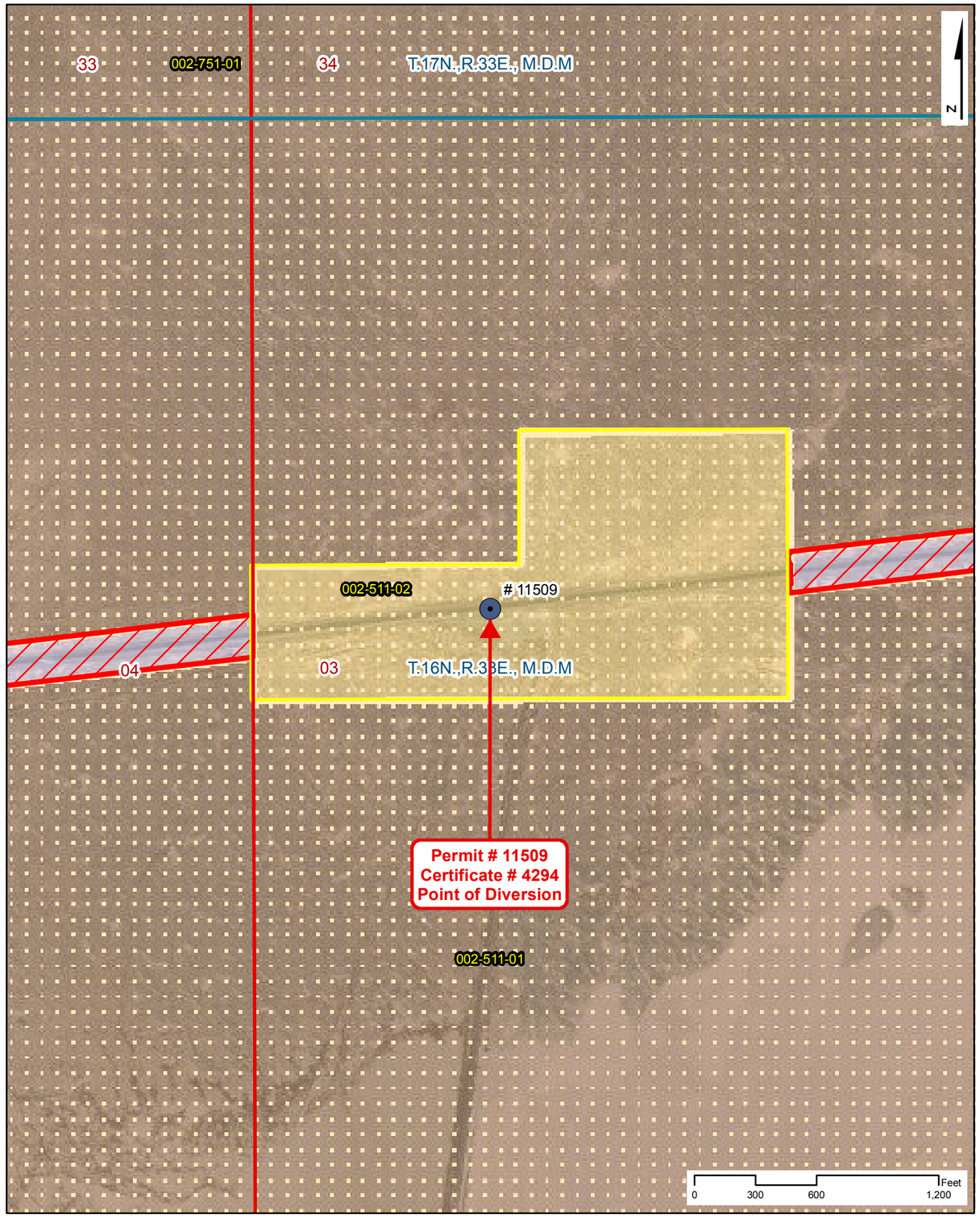
Permit 11509/Certificate 4294 is currently in good standing with the NDWR with no further action required.



Township and Range Index
Scale: 1" = 20 Miles



USGS Quadmap Site Plan Index
Scale: 1" = 1/2 Mile



Point of Diversion Site Plan
Scale: 1" = 600'

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631

WATER RIGHTS RESEARCH INVENTORY SERVICES

PERMIT: 11509 **CERTIFICATE: 4294**

BASIN: Fairview Valley (124) **COUNTY: Churchill**
LATITUDE: 39.279091 **LONGITUDE: -118.271547**
POINT OF DIVERSION: SW1/4,NW1/4, Section 3, T.16N.,R33E., M.D.M.
PLACE OF USE (DWR Polygon ID): N/A
PERMIT LAND CATEGORY: Existing Lands Privately Held

OWNERSHIP

Stark, Edward H., Sr.

PRIORITY DATE: 3/5/1946
PERMIT DATE: 3/8/1955
CERTIFICATE DATE: 2/13/1956
DUE DATE: None

USE UNITS

200 Cattle

SOURCE DESCRIPTION: Underground
MANNER OF USE: Stock-Watering
DIVERSION RATE: 0.006 CFS
ALLOWED DUTY: 2.178 AFA
PERIOD OF USE: 10/01-03/31

GIS PARCEL DATA

A.P.N. 002-511-02, CHURCHILL COUNTY
UNITED STATES OF AMERICA

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index

- Township Range Grid
- Hydrographic Basins

Existing Navy Lands
- Withdrawan
- Non Federal
- Navy Owned

Proposed Navy Lands
- Proposed Withdrawal Expansion
- Non Federal

Point of Diversion Manner of Use

- As Decreed
- Commercial
- Domestic
- Environmental
- Industrial
- Irrigation
- Mining & Milling
- Municipal
- Other
- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

R|O Anderson

PERMIT: 11509
CERTIFICATE: 4294

Product of R.O. Anderson Engineering, Inc. -= Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_Permit_Certificate_Maps.mxd -= GIS Specilist: Eric Herron -= Publication Date: 10/5/2019 10:44:40 AM

AMENDED

ASSIGNED

APPLICATION FOR PERMIT Serial No. 11509
TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

Date of first receipt and filing in State Engineer's office MAR 5 1946
Returned to applicant for correction
Corrected application filed MAY 13 1946

The undersigned C. B. Stark
Name of applicant
of Churchill, County of Fallon,
State of Nevada, hereby makes application for permission to appropriate the public waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation.)

1. The source of the proposed appropriation is Underground
Name of stream, lake, or other source

2. The amount of water applied for is 00.006 second-feet.
One second-foot equals 40 miners' inches

3. The water to be used for Stockwatering & domestic
Irrigation, power, mining, manufacturing, domestic, or other use

4. The water is to be diverted from its source at the following point:
In the SW¼ NW¼ Sec. 3, T. 16 N., R. 33 E., or at a point from which
Describe as being within a 40-acre subdivision of public survey, or by course and distance to a section corner. If on unsurveyed land, it should be so stated.
the W¼ corner of said Section 3 bears S. 74° 51' W., 1211 feet.

IF THE WATER IS TO BE USED FOR IRRIGATION, SUPPLY THE FOLLOWING INFORMATION:

(a) Number of acres to be irrigated is

(b) Description of land to be irrigated
Describe by legal subdivision, or if on unsurveyed land it should be so stated and a description provided in accordance with special instruction from the State Engineer when application is returned for correction.

(c) Use will begin about (Month) and end about (Month), of each year.

IF WATER IS TO BE USED FOR POWER, MINING, STOCK WATERING, OR OTHER USE, SUPPLY THE FOLLOWING INFORMATION:

(d) Power to be developed is horsepower.

(e) Place of use W½ NW¼ Sec. 3, T. 16 N., R. 33 E.
Give location of place of use by legal subdivision.

(f) Point of return of water to stream
Describe in same manner as point of diversion.

(g) State number and kinds of animals to be watered 200 cattle

(h) Use will begin about Jan.1 (Month) and end about Dec.31 (Month), of each year.

(i) Remarks Tanks to be placed approximately 1200' north of well, water to be used for domestic purposes at well, at place known as Frenchmans Sta.

DESCRIPTION OF PROPOSED WORKS

State manner in which water is to be diverted, whether by dam or other works, whether through pipes, ditches, flumes, or other conduits. If water is to be stored in reservoirs, it should be so stated and the location of the reservoir should be given with reference to the legal subdivisions.

5. Estimated cost of works $2000.00

6. Estimated time required to construct works 120 da

7. Remarks

For use of applicant

Clyde B. Stark, Applicant.

By

Compared BB-A.T

This sheet inspected

, Engineer.

Protested July 11, 1946 by Louis H. & Myrtle Danberg.

APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This permit is issued subject to all existing rights on the source. It is understood that the amount of water herein granted is only a temporary allowance and that the final water right obtained under this permit will be dependent upon the number of stock watered daily, which number must be stated in the proof of beneficial use when filed. The State retains the right to regulate the use of the water herein granted at any and all times.

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed 0.006 cubic feet per second, or sufficient to water 200 head of cattle.

Actual construction work shall begin on or before September 8, 1955

Proof of commencement of work shall be filed before October 8, 1955

Work must be prosecuted with reasonable diligence and be completed on or before September 8, 1956

Proof of completion of work shall be filed before October 8, 1956

Application of water to beneficial use shall be made on or before September 8, 1957. Proof of the application of water to beneficial use must be filed with State Engineer on or before October 8, 1957

Filed MAY 13 1946

WITNESS MY HAND AND SEAL this 8th day of March 1955

State Engineer.

Proof of commencement of work filed AUG 15 1955

Proof of Completion of work filed AUG 15 1955

PROOF OF BENEFICIAL USE FILED AUG 15 1955

Certificate No. 4294 Issued Feb. 13, 1956 for 0.00 6 c.f.s.

Recorded Feb. 14, 1956 Bk. 34A Page 303 + dom.

Churchill County Records

ASSIGNED

Application No. 11509

Certificate Record No. 4294 Book 13 Page 4294

THE STATE OF NEVADA

CERTIFICATE OF APPROPRIATION OF WATER

WHEREAS, Clyde B. Stark has presented to the State Engineer of the State of Nevada Proof of Application of Water to Beneficial Use, from Underground (Frenchman Station Well) through well and troughs for stock and domestic purposes. The point of diversion of water from the source is as follows: SW¼ NW¼ Section 3, T. 16 N., R. 33 E., M.D.B. & M., or at a point from which the W¼ corner of said Section 3, bears S. 74° 51' W., 1,211 feet. situated in Churchill County, State of Nevada.

NOW KNOW YE, That the State Engineer, under the provisions of Section 72, Chapter 46, Statutes of 1937 has determined the date, source, purpose and amount of such appropriation, together with the place to which such water is appurtenant, as follows:

Name of appropriator Clyde B. Stark

Post-office address Fallon, Nevada

Amount of appropriation 0.006 c.f.s. or sufficient to water 200 cattle.

Period of use, from October 1st to March 31st of ~~each year~~ following year.

Date of priority of appropriation March 5, 1946

Description of place and manner of use:

Water is developed by a well 250 feet deep cased with 6" casing and equipped with an electric pump. Water is conveyed by 1200 feet of 1½ inch pipe to troughs located in W½ NW¼ Section 3, T. 16 N., R. 33 E., M.D.B. & M.

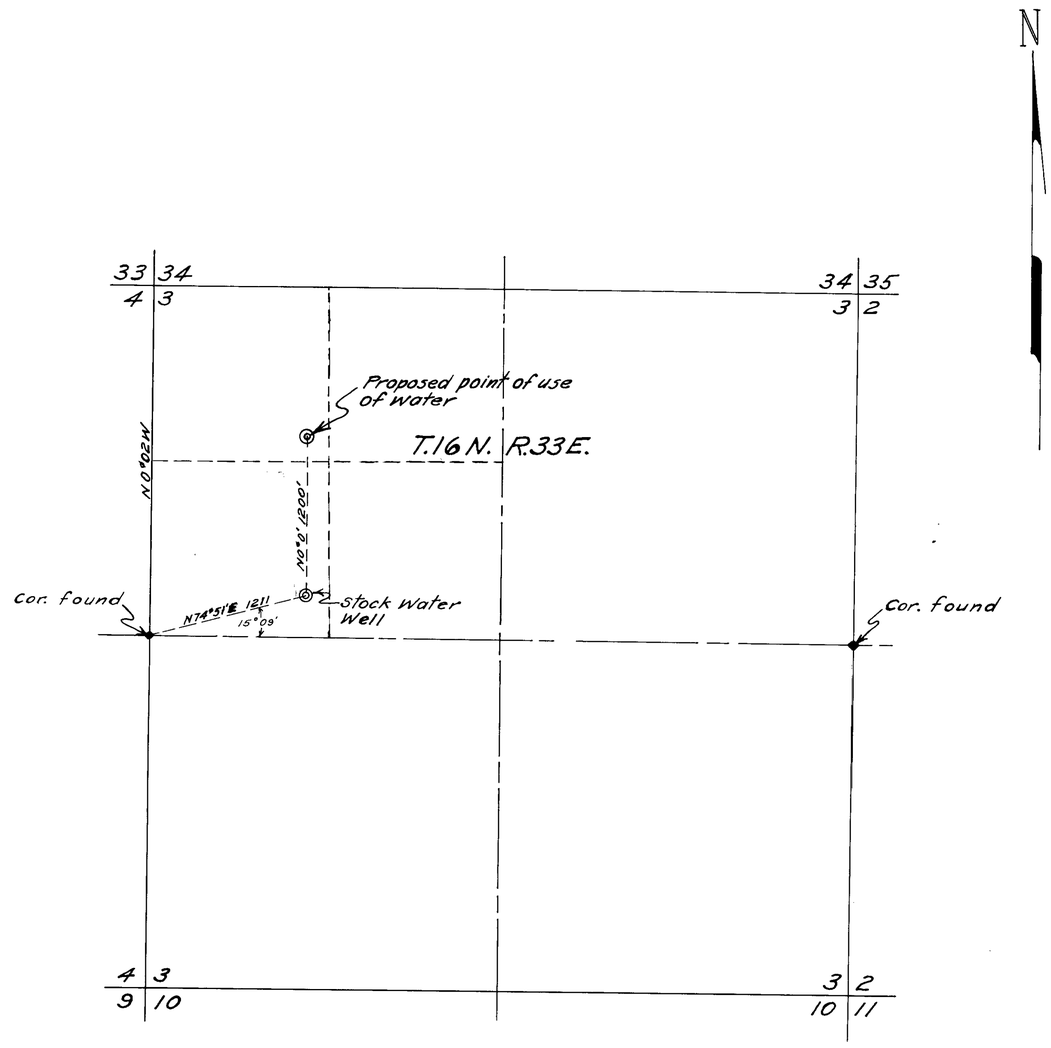
The right to water hereby determined is limited to the amount which can be beneficially used, not to exceed the amount above specified, and the use is restricted to the place where acquired and to the purpose for which acquired.

IN TESTIMONY WHEREOF, I HUGH A. SHAMBERGER, State Engineer of Nevada, have hereunto set my hand and the seal of my office, this 13th day of February, A. D. 1956

Hugh A. Shamberger
State Engineer.

Recorded Feb. 14 1956 Bk. 30 R Page 305
Churchill County Records
Compared ~~A. Imeg~~

1928



STATE OF NEVADA
County of Churchill } SS

I, Hugh M. Wilson, being first duly sworn, depose and say that this map has been correctly drawn to the designated scale from field notes of a survey made by me on the 26th. day of February, 1946; that it truly and correctly represents the location and works used for stockwatering purposes by C.B. Stark in Section 3, T. 16 N. R33E. Churchill County, Nevada.

Hugh M. Wilson
STATE WATER RIGHT SURVEYOR

Subscribed and sworn to before me this 4th. day of March, 1946

Notary Public

SCALE : 1" = 600

May 13, 1946

MAP

TO ACCOMPANY APPLICATION TO APPROPRIATE WATER FOR STOCK WATERING BY C.B. STARK FROM WELL IN SEC. 3 T. 16 N R33E.

11509

State of Nevada
Division of Water Resources

Site Search

Permit Information

New Search

App/Permit: 11509
Status: CERTIFICATE
Certificate: 4294

General | Maps & Due Dates | Place of Use | Abrogations/Protests/Rulings | Ownership and Title

Current Ownership Information

(NOTE: Owner names shown here are standardized for retreival purposes only. Verify legal names before submitting any new documentation.)

Owner	Type	Div Rate	Duty	Acres	Change By	APN	County	Description
STARK, EDWARD H. SR.	C	0	0	0				

Confirmed By:
Effective Date:

Original Owners

Owner
STARK, CLYDE B.

Remarks

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

PERMIT 15493/CERTIFICATE 4554

BASIN: Carson Desert (101) **COUNTY:** Churchill

LATITUDE: 39.27392 **LONGITUDE:** -118.409184

OWNERSHIP:	Bennett, Fred A. and Olson, John H.
PRIORITY DATE:	2/10/1954
SOURCE DESCRIPTION:	UG
POINT OF DIVERSION:	SE¼SE¼ Section 5, T.16N., R.32E., M.D.M.
MANNER OF USE:	MM
USE UNITS:	
PLACE OF USE:	SE¼SE¼ Section 5, T.16N., R.32E., M.D.M.
DIVERSION RATE:	0.01 CFS
ALLOWED DUTY:	7.242 AFA
PERIOD OF USE:	1/01-12/31
STATUS:	CER
DUE DATES:	None
REMARKS:	Tungsten Mill

POD PARCEL:	Churchill County APN No. 002-491-02
POD PARCEL OWNER:	United States of America Naval Air Station – Fallon
POU PARCEL:	Churchill County APN No. 002-491-02
POU PARCEL OWNER:	United States of America Naval Air Station – Fallon

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

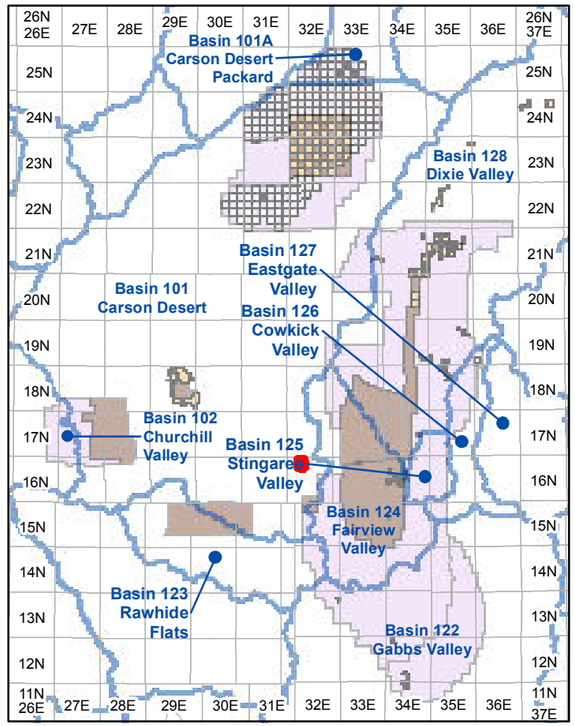
Permit 15493/Certificate 4554

The current owners of Permit 15493/Certificate 4554 are Fred A. Bennett and John H. Olson. The permit was approved by the State Engineer on September 14, 1954 and was issued Certificate 4554 on July 03, 1957. It has a priority date of February 10, 1954 and a total duty of 7.242 acre-feet annually with an allowed diversion rate of 0.01 CFS permitted for mining and milling purposes. The allowed period of use is from January 1 to December 31.

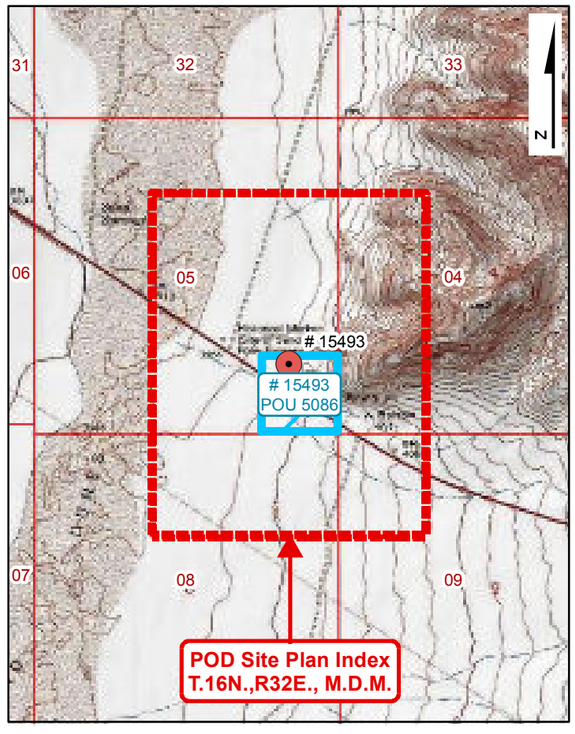
The point of diversion is located within the SE¼SE¼ Section 5, Township 16N, Range 32E, MDM. The permitted place of use is in the Carson Desert Basin within Churchill County APN 002-491-02 under the ownership of United States of America Naval Air Station - Fallon and is more specifically listed in the table below.

QQ	Q	Section	Township	Range	Units
SE	SE	5	16N	32E	

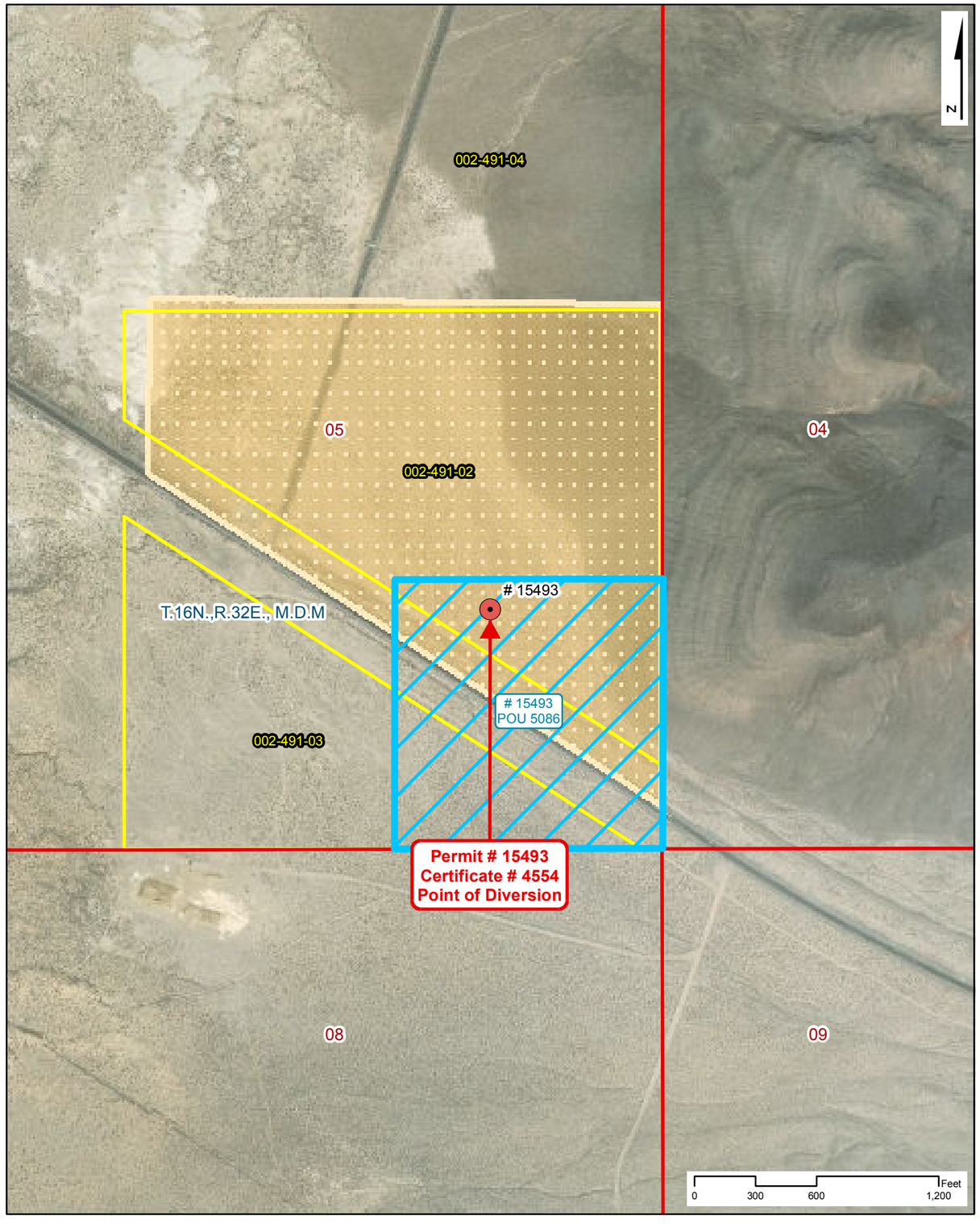
Permit 15493/Certificate 4554 is currently in good standing with the NDWR with no further action required.



Township and Range Index
Scale: 1" = 20 Miles



USGS Quadmap Site Plan Index
Scale: 1" = 1/2 Mile



Point of Diversion Site Plan
Scale: 1" = 600'

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631

WATER RIGHTS RESEARCH INVENTORY SERVICES

PERMIT: 15493 — **CERTIFICATE: 4554**

BASIN: Carson Desert (101) — **COUNTY: Churchill**

LATITUDE: 39.27392 — **LONGITUDE: -118.409184**

POINT OF DIVERSION: SE1/4,SE1/4, Section 5, T.16N.,R32E., M.D.M.

PLACE OF USE (DWR Polygon ID): 5086

PERMIT LAND CATEGORY: Existing Lands Privately Held

OWNERSHIP

Bennett, Fred A. and Olson, John

PRIORITY DATE: 2/10/1954
PERMIT DATE: 9/14/1954
CERTIFICATE DATE: 7/3/1957
DUE DATE: None

USE UNITS

SOURCE DESCRIPTION: Underground
MANNER OF USE: Mining and Milling
DIVERSION RATE: 0.01 CFS
ALLOWED DUTY: 7.242 AFA
PERIOD OF USE: 01/01-12/31

GIS PARCEL DATA

A.P.N. 002-491-02, CHURCHILL COUNTY
UNITED STATES OF AMERICA

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index

- Township Range Grid
- Hydrographic Basins

Existing Navy Lands

- Withdrawan
- Non Federal
- Navy Owned

Proposed Navy Lands

- Proposed Withdrawal Expansion
- Non Federal

Point of Diversion Manner of Use

- As Decreed
- Commercial
- Domestic
- Environmental
- Industrial
- Irrigation
- Mining & Milling
- Municipal
- Other
- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

R|O Anderson

PERMIT: 15493
CERTIFICATE: 4554

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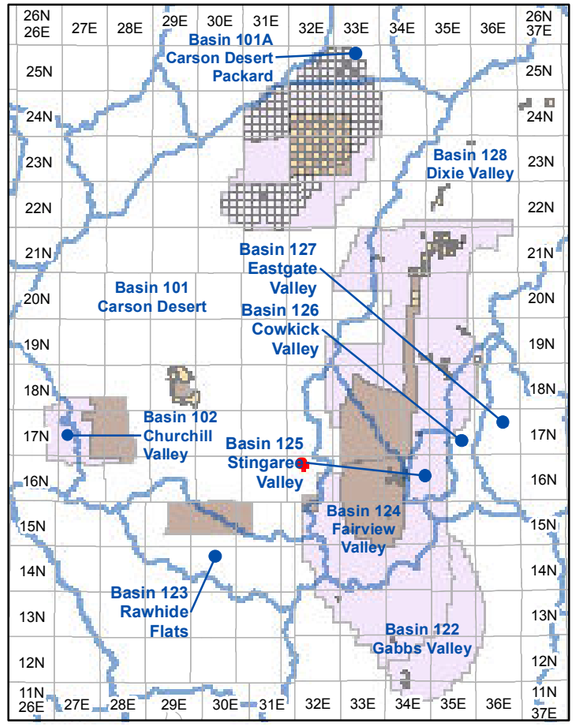
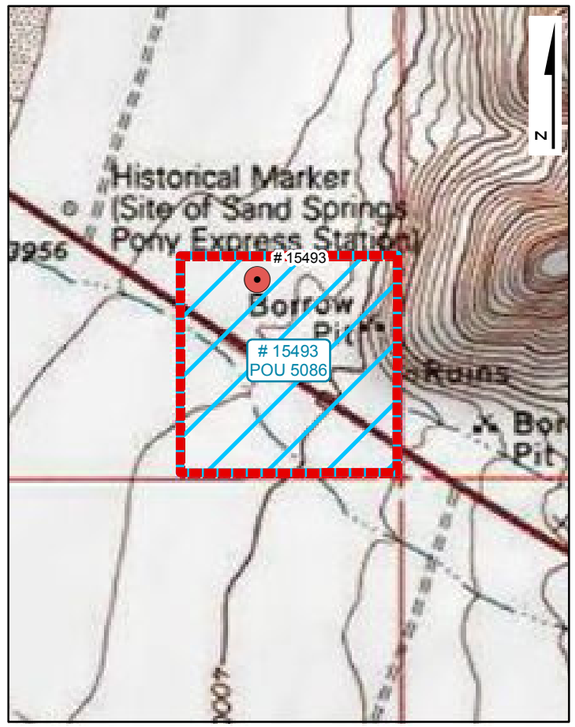


Township and Range Index



USGS Quadmap Site Plan Index



Place of Use Site Plan

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH INVENTORY SERVICES
DIVISION OF WATER RESOURCES PLACE OF USE GIS DATA

WATER RIGHT: 15493 **DWR POLYGON ID: 5086**

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index

- Township Range Grid
- Hydrographic Basins

Existing Navy Lands

- Withdrawan
- Non Federal
- Navy Owned

Proposed Navy Lands

- Proposed Withdrawal Expansion
- Non Federal

Point of Diversion Manner of Use

- As Decreed
- Commercial
- Domestic
- Environmental
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- Irrigation
- Mining & Milling
- Municipal
- Other
- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

R O Anderson

WATER RIGHT: 15493
DWR POLYGON ID: 5086

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AMENDED

APPLICATION FOR PERMIT Serial No. 15493

TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

Date of first receipt and filing in State Engineer's office FEB 10 1954

Returned to applicant for correction

Corrected application filed APR 5 1954

The undersigned John H. Olson & Fred A. Bennett (Churchill Tungston)
Name of applicant

of Box 332, Fallon, County of Churchill,

State of Nevada, hereby make application for permission to appropriate the public waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation.)

1. The source of the proposed appropriation is Underground
Name of stream, lake, or other source

2. The amount of water applied for is 0.01 second-feet.
One second-foot equals 40 miners' inches

3. The water to be used for milling and domestic
Irrigation, power, mining, manufacturing, domestic, or other use

4. The water is to be diverted from its source at the following point: SE¼ SE¼ Section 5, T. 16 N., R. 32 E., M.D.B.&M. or at a point from
Describe as being within a 40-acre subdivision of public survey, or by course and distance to a section corner. If on unsurveyed land, it should be so stated.
which the S.E. corner of said Section 5 bears S. 36° 15' E., 1453 feet

IF THE WATER IS TO BE USED FOR IRRIGATION, SUPPLY THE FOLLOWING INFORMATION:

(a) Number of acres to be irrigated is

(b) Description of land to be irrigated
Describe by legal subdivision, or if on unsurveyed land it should be so stated and a description provided in accordance with special instruction from the State Engineer when application is returned for correction.

(c) Use will begin about (Month) and end about (Month), of each year.

IF WATER IS TO BE USED FOR POWER, MINING, STOCK WATERING, OR OTHER USE, SUPPLY THE FOLLOWING INFORMATION:

(d) Power to be developed is horsepower.

(e) Place of use SE¼ SE¼ Section 5, T. 16 N., R. 32 E., M.D.B.&M.
Give location of place of use by legal subdivision

(f) Point of return of water to stream
Describe in same manner as point of diversion

(g) State number and kinds of animals to be watered

(h) Use will begin about Jan. 1 and end about Dec. 31, of each year.
Month Month

(i) Remarks

DESCRIPTION OF PROPOSED WORKS

Well, pump and pipe lines

State manner in which water is to be diverted, whether by dam or other works, whether through pipes, ditches, flumes, or other conduits. If water is to be stored in reservoirs, it should be so stated and the location of the reservoir should be given with reference to the legal subdivisions.

5. Estimated cost of works $12,000.00

6. Estimated time required to construct works one year

7. Remarks

For use of applicant

John H. Olson & Fred A. Bennett, Applicant.
(Churchill Tungsten)

By s/ Fred A. Bennett

Compared A.P.-I.R.

This sheet inspected

, Engineer.

APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions: This permit is issued subject to all existing rights on the source and is limited to what the well will produce but not to exceed 0.01 c.f.s. It is understood that the amount of water herein granted is only a temporary allowance and that the final water right obtained under this permit will be dependent upon the amount of water actually placed to beneficial use. It is also understood that this right must allow for a reasonable lowering of the static water level at permittees well due to other ground water development in the area. A substantial weir or other type of measuring device must be installed and measurements of water use kept, and a method provided, either air line or opening, for measuring depth to water. The State retains the right to regulate the use of the water herein granted at any and all times.

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed 0.01 cubic feet per second.

Actual construction work shall begin on or before March 14, 1955

Proof of commencement of work shall be filed before April 14, 1955

Work must be prosecuted with reasonable diligence and be completed on or before March 14, 1956

Proof of completion of work shall be filed before April 14, 1956

Application of water to beneficial use shall be made on or before March 14, 1957. Proof of the application of water to beneficial use must be filed with State Engineer on or before April 14, 1957

WITNESS MY HAND AND SEAL this 14th day of September, 1954

Hugh Shamberger
State Engineer.

Map Filed MAR 4 1954
Proof of commencement of work filed MAR 24 1955
Proof of Completion of work filed APR 13 1956
PROOF OF BENEFICIAL USE FILED APR 1 1957
Certificate No. 4554 Issued 7/3/57; 0.01 cfs. milling
Recorded 7/11/57 Page 338
Churchill

15493

Application No. 15493 Certificate Record No. 4554 Book 13 Page 4554

THE STATE OF NEVADA
CERTIFICATE OF APPROPRIATION OF WATER

WHEREAS, John H. Olson has presented to the State Engineer of the State of Nevada Proof of Application of Water to Beneficial Use, from an underground source through well, pump, tank and pipelines for milling purposes. The point of diversion of water from the source is as follows: SE¼ SE¼ Section 5, T. 16 N., R. 32 E., M.D.B.&M., or at a point from which the S.E. corner of said Section 5 bears S. 36° 15' E., 1,453 feet.

situated in Churchill County, State of Nevada.

NOW KNOW YE, That the State Engineer, under the provisions of NRS 533.425; has determined the date, source, purpose and amount of such appropriation, together with the place to which such water is appurtenant, as follows:

Name of appropriator: John H. Olson and Fred A. Bennett

Post-office address: Fallon, Nevada

Amount of appropriation: 0.01 c.f.s.

Period of use, from: January 1st to December 31st of each year

Date of priority of appropriation: February 10, 1954

Description of works of diversion, manner and place of use: Water is developed by means of drilled well, and is pumped through a distribution system to the place of use located within the same subdivision as the point of diversion.

The right to water hereby determined is limited to the amount which can be beneficially used, not to exceed the amount above specified, and the use is restricted to the place where acquired and to the purpose for which acquired.

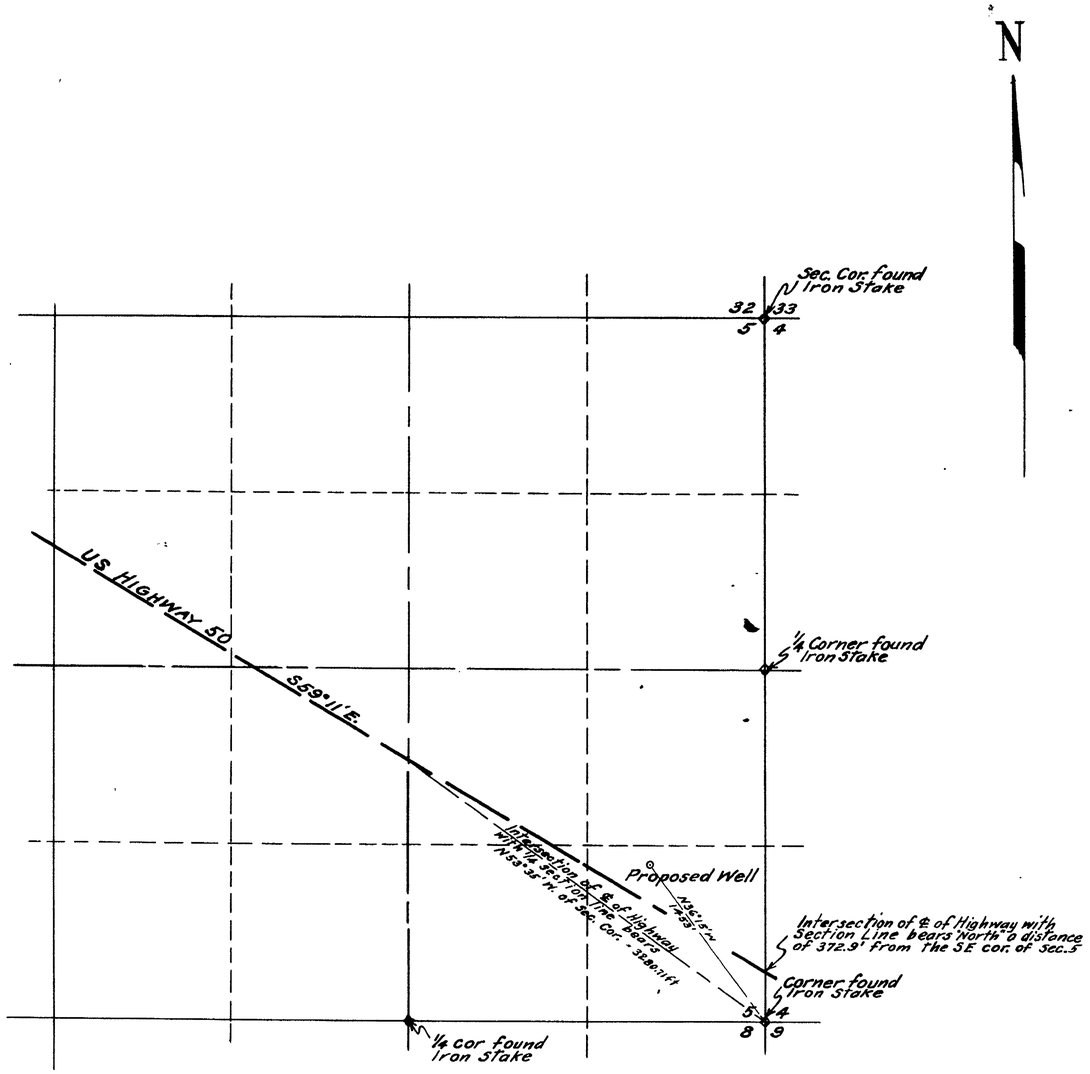
IN TESTIMONY WHEREOF, I, EDMUND MUTH, State Engineer of Nevada, have hereunto set my hand and the seal of my office, this 3rd day of July, A. D. 1957.

Edmund Muth
State Engineer.

1923

Recorded 7/11/57 Bk. 3 of M.R. Page 338
Churchill County Records

Compared HS/am



T 16 N. R. 32 E.

STATE OF NEVADA
County of Churchill } SS

I, Hugh M. Wilson, being first duly sworn, depose and say that this map has been correctly drawn to the designated scale from field notes of a survey made by me on the 27th day of February 1954; that it truly and correctly represents the location and works to be used by J. H. OLSON for pumping water from a well and to be used for Mining and Milling purposes.

Hugh M. Wilson
STATE WATER RIGHT SURVEYOR

Subscribed and sworn to before me this 1ST day of MARCH 1954

Jean Forbes
NOTARY PUBLIC

My commision expires August 18 - 1954

1/2 MILE
SCALE : 1" = 600'

4554 7/5/59

FILED
MAR. 4, 1954
STATE ENGINEER'S OFFICE

OFFICE STATE ENGINEER MAP FILED RECEIVED ANS.

MAP

TO ACCOMPANY APPLICATION TO APPROPIATE WATER FOR MILLING AND DOMESTIC PURPOSES BY J. H. OLSON AND FRED A. BENNETT FROM A WELL IN SECTION 5, T. 16 N. R. 32 E.

15493



Site Search

Permit Information

New Search

App/Permit: 15493
Status: CERTIFICATE
Certificate: 4554

General | Maps & Due Dates | Place of Use | Abrogations/Protests/Rulings | Ownership and Title

Current Ownership Information

(NOTE: Owner names shown here are standardized for retreival purposes only. Verify legal names before submitting any new documentation.)

Owner	Type	Div Rate	Duty	Acres	Change By	APN	County	Description
BENNETT, FRED A.	B	0	0	0				
OLSON, JOHN H.	B	0	0	0				

Confirmed By:
Effective Date:

Original Owners

Owner
BENNETT, FRED A.
OLSON, JOHN H.

Remarks

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

PERMIT 45973/CERTIFICATE 11565

APPURTENANT TO CHURCHILL APN: 002-511-01

BASIN: Fairview Valley (124) **COUNTY:** Churchill

LATITUDE: 39.20546 **LONGITUDE:** -118.313048

OWNERSHIP:	Jerome and Tara Lynn Masterpool
PRIORITY DATE:	July 23, 1982
SOURCE DESCRIPTION:	Underground
POINT OF DIVERSION:	SE¼NE¼ Section 31, T.16N., R.33E., M.D.M.
MANNER OF USE:	Stockwatering
USE UNITS:	750 Cattle
PLACE OF USE:	SW¼NE¼ Section 31, T.16N., R.33E., M.D.M.
DIVERSION RATE:	0.023 CFS
ALLOWED DUTY:	16.633 AFA
PERIOD OF USE:	01/01-12/31
STATUS:	Certificated
DUE DATES:	None

REMARKS:

POD PARCEL:	Churchill County APN No. 002-511-01
POD PARCEL OWNER:	Bureau of Land Management
POU PARCEL	Churchill County APN No. 002-511-01
POU PARCEL OWNER:	Bureau of Land Management

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

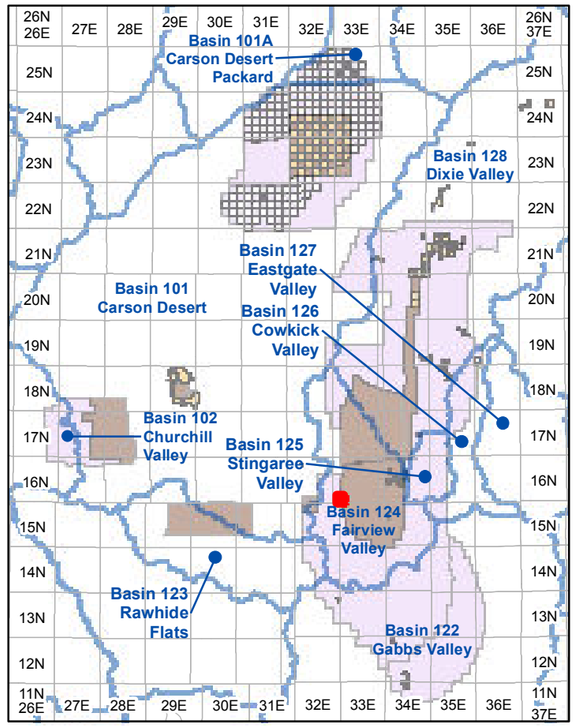
Permit 45973/Certificate 11565

The current owners of Permit 45973/Certificate 11565 are Jerome and Tara Lynn Masterpool. The permit was approved by the State Engineer on March 30, 1983 and was issued Certificate 11565 on September 9, 1986. It has a priority date of July 23, 1982 and a total duty of 16.633 acre-feet annually with an allowed diversion rate of 0.023 CFS permitted for stock watering purposes sufficient to water 750 cattle. The allowed period of use is January 1 through December 31.

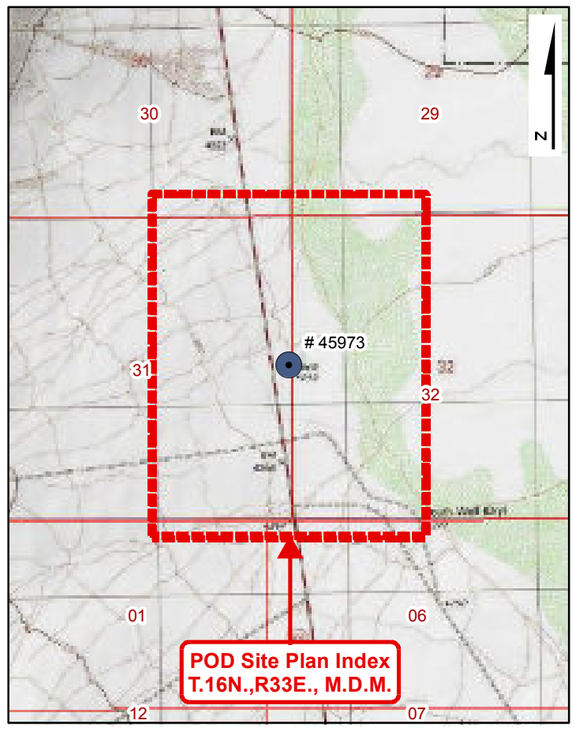
The point of diversion is located within the SE¼NE¼ of Section 31, Township 16N, Range 33E, MDM. The permitted place of use is in the Fairview Valley Basin within Churchill County APN 002-511-01 under the ownership of the Bureau of Land Management and is more specifically listed in the table below.

QQ	Q	Section	Township	Range	Acres
SE	NE	31	16N	33E	

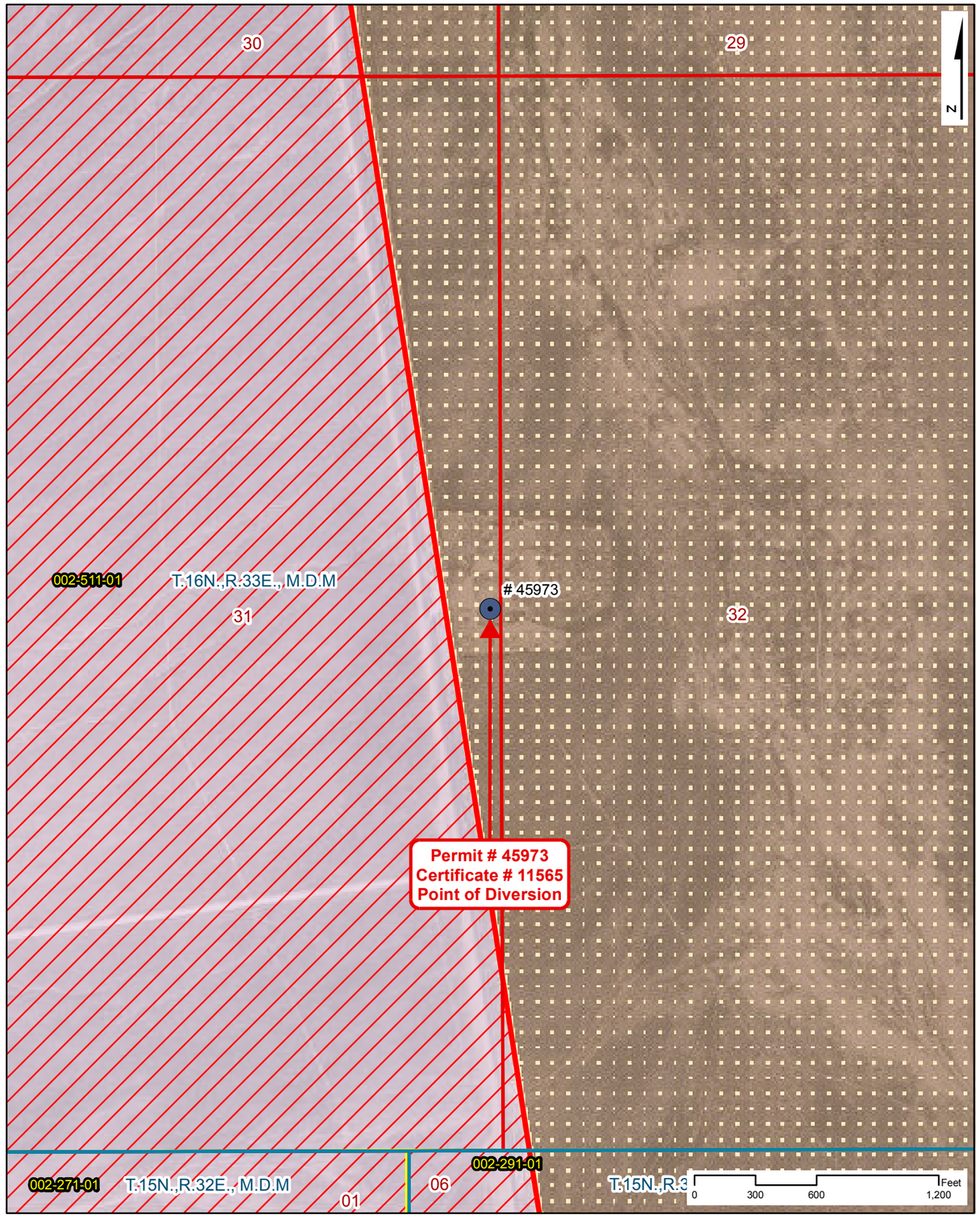
Permit 45973/Certificate 11565 is currently in good standing with the NDWR with no further action required.



Township and Range Index
Scale: 1" = 20 Miles



USGS Quadmap Site Plan Index
Scale: 1" = 1/2 Mile



Point of Diversion Site Plan
Scale: 1" = 600'

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631

WATER RIGHTS RESEARCH INVENTORY SERVICES

PERMIT: 45973 **CERTIFICATE: 11565**

BASIN: Fairview Valley (124) **COUNTY: Churchill**
LATITUDE: 39.20546 **LONGITUDE: -118.313048**
POINT OF DIVERSION: **SE1/4,NE1/4, Section 31, T.16N.,R33E., M.D.M.**
PLACE OF USE (DWR Polygon ID): **N/A**
PERMIT LAND CATEGORY: **Existing Lands Privately Held**

OWNERSHIP

Masterpool, Jerome and Tara

PRIORITY DATE: **7/23/1982**
PERMIT DATE: **3/30/1983**
CERTIFICATE DATE: **9/9/1986**
DUE DATE: **None**

USE UNITS

736 Cattle

SOURCE DESCRIPTION: **Underground**
MANNER OF USE: **Stock-Watering**
DIVERSION RATE: **0.023 CFS**
ALLOWED DUTY: **16.633 AFA**
PERIOD OF USE: **01/01-12/31**

GIS PARCEL DATA

A.P.N. 002-511-01, CHURCHILL COUNTY BUREAU OF LAND MANAGEMENT

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index

- Township Range Grid
- Hydrographic Basins

Existing Navy Lands

- Withdrawan
- Non Federal
- Navy Owned

Proposed Navy Lands

- Proposed Withdrawal Expansion
- Non Federal

Point of Diversion Manner of Use

- As Decreed
- Commercial
- Domestic
- Environmental
- Industrial
- Irrigation
- Mining & Milling
- Municipal
- Other
- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

R|O Anderson

PERMIT: 45973
CERTIFICATE: 11565

Product of R.O. Anderson Engineering, Inc. -= Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_Permit_Certificate_Maps.mxd -= GIS Specilist: Eric Herron -= Publication Date: 10/5/2019 10:45:37 AM

ASSIGNED

FIRST AMENDED

Nº 45973

APPLICATION FOR PERMIT
TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

Date of filing in State Engineer's Office JUL 2 3 1982

Returned to applicant for correction SEP 2 3 1982

Corrected application filed NOV 1 9 1982

Map filed NOV 1 9 1982

The applicant Don Coops

Box 159 (Street and No. or P.O. Box No.), of Cedarville, Ca. (City or Town),

Calif. 96104 (State and Zip Code No.), hereby makes application for permission to appropriate the public waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.)

---

1. The source of the proposed appropriation is underground
   (Name of stream, lake, spring, underground or other source)

2. The amount of water applied for is 0.5 second-feet
   (One second-foot equals 448.83 gals. per min.)

   (a) If stored in reservoir give number of acre-feet

3. The water to be used for stockwater and domestic
   (Irrigation, power, mining, manufacturing, domestic, or other use. Must limit to one use.)

4. If use is for:

   (a) Irrigation, state number of acres to be irrigated:

   (b) Stockwater, state number and kinds of animals to be watered: 750 cattle

   (c) Other use (describe fully under "No. 12. Remarks"

   (d) Power:

      (1) Horsepower developed

      (2) Point of return of water to stream

5. The water is to be diverted from its source at the following point: SE¼ of NE¼ of Sec 31 T.16N R33 E, MDB&M or at a point from which the E. ¼ Corner of Said section 31 bears S73°E a distance of 39.0 feet
   (Describe as being within a 40-acre subdivision of public survey, and by course and distance to a section corner. If on unsurveyed land, it should be so stated.)

6. Place of use SE¼ of NE¼ of Sec. 31 T 16 N R 33 E MDB&M. Stock water to be hauled to range lands whithin a 30 mile radius of point of diversion
   (Describe by legal subdivision. If on unsurveyed land, it should be so stated.)

7. Use will begin about Jan 1 (Month and Day) and end about Dec 31 (Month and Day), of each year.

8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) Well, Turbine pump and gas engine
   (State manner in which water is to be diverted, i.e. diversion structure, ditches and flumes, drilled well with pump and motor, etc.)

9. Estimated cost of works 5,000.00

10. Estimated time required to construct works well is completed - see #8 above.
If well completed, describe works.

11. Estimated time required to complete the application of water to beneficial use 2 years.

12. Remarks: For use other than irrigation or stock watering, state number and type of units to be served or annual consumptive use.

By s/Don Coops
P.O. Box 159
Cedarville, Ca 96104

Compared js/bl br/ja

Protested

APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This permit is issued subject to all existing rights on the source. It is understood that the amount of water herein granted is only a temporary allowance and that the final water right obtained under this permit will be dependent upon the period of use and the average number of livestock served from the waters of this source. It is further understood that this right must allow for a reasonable lowering of the static water level at permittee's well due to any other ground water development in the area. The well shall be equipped with a 2-inch opening for measuring depth to water. If well is flowing, a valve must be installed and maintained to prevent waste. The State retains the right to regulate the use of the water herein granted at any and all times but does not take responsibility for the use of the Federal range.

This Permit does not extend the permittee the right of ingress and egress on public, private or corporate lands.

The issuance of this permit does not waive the requirements that the permit holder obtain other permits from State, Federal, and local agencies.

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed 0.0235 cubic feet per second, or sufficient water to water 750 head of cattle.

Work must be prosecuted with reasonable diligence and be completed on or before March 30, 1984.

Proof of completion of work shall be filed before April 30, 1984

Application of water to beneficial use shall be made on or before March 30, 1986

Proof of the application of water to beneficial use shall be filed on or before April 30, 1986

Map in support of proof of beneficial use shall be filed on or before

Completion of work filed MAY 11 1984

Proof of beneficial use filed MAY 11 1984

Cultural map filed

Certificate No. 11565 Issued SEP 9 1986

IN TESTIMONY WHEREOF, I PETER G. MORROS, State Engineer of Nevada, have hereunto set my hand and the seal of my office, this 30th day of MARCH, A.D. 19 83

Peter G. Morros
State Engineer

218 (Rev.)

Application No. 45973 Certificate Record No. 11565 Book 39 Page 11565

THE STATE OF NEVADA
CERTIFICATE OF APPROPRIATION OF WATER

WHEREAS, Don Coops, Permittee has presented to the State Engineer of the State of Nevada Proof of Application of Water to Beneficial Use, from an Underground Source through a drilled well, pump and stockwatering trough for Stockwater and Domestic purposes. The point of diversion of water from the source is as follows: SE¼ NE¼ Section 31, T.16N., R.33E., M.D.B.&M., or at a point from which the E¼ corner of said Section 31 bears S. 73° E., a distance of 39.0 feet situated in Churchill County, State of Nevada.

NOW KNOW YE, That the State Engineer, under the provisions of NRS 533.425, has determined the date, source, purpose, amount of appropriation, and the place where such water is appurtenant, as follows:

Name of appropriator Don Coops

Post-office address Cedarville, California

Amount of appropriation 0.023 c.f.s., or sufficient to water 736 head of cattle

Period of use, from January 1st to December 31st of each year

Date of priority of appropriation July 23, 1982

Description of works of diversion, manner and place of use:

Water is diverted from a drilled well, 699 feet deep, 8 inch diameter casing, equipped with a Peerless turbine and UB220 International Harvester engine, thence the water is conveyed by water truck to 30 tanks ranging from 500 to 10,000 gallons of water where 736 head of cattle water within a 30 mile radius of the point of diversion which is located within the SE¼ NE¼ of Section 31, T.16N., R.33E., M.D.B.&M.

This certificate is issued subject to the terms of the permit.

The right to water hereby determined is limited to the amount which can be beneficially used, not to exceed the amount above specified, and the use is restricted to the place and for the purpose as set forth herein.

IN TESTIMONY WHEREOF, I PETER G. MORROS, State Engineer of Nevada, have hereunto set my hand and the seal of my office, this 9th day of SEPTEMBER, A. D. 1986

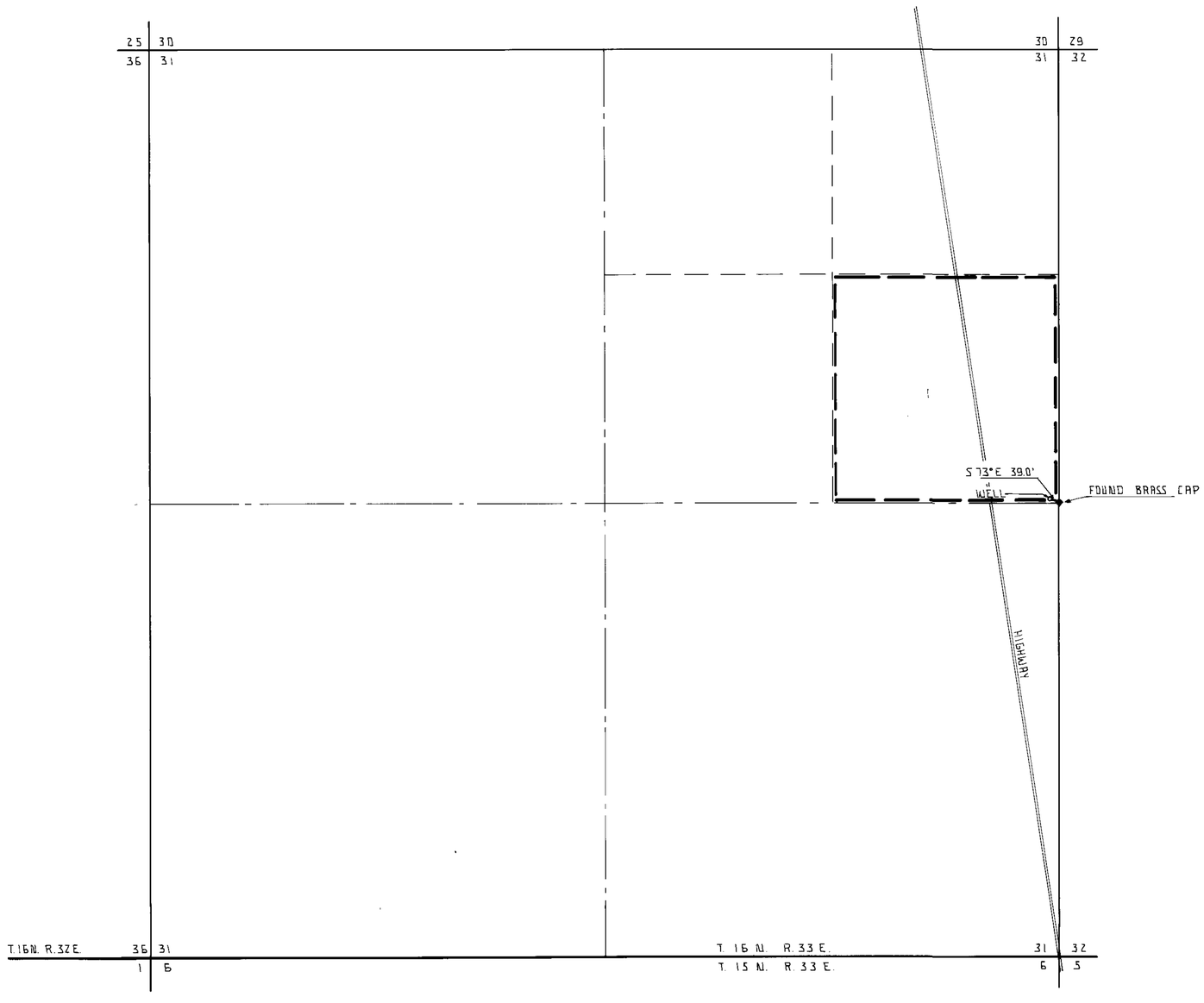
Peter G. Morros
State Engineer

Compared bc/bl

Recorded ..... Bk..... Page.....

..... County Records.

1923



STATE OF NEVADA }
COUNTY OF CHURCHILL } SS

I, DONALD E. LEWIS, BEING FIRST DULY SWORN, DEPOSE AND SAY THAT THIS MAP CONSISTING OF 1 SHEET NUMBERED FROM 1 TO 1 INCLUSIVE, HAS BEEN CORRECTLY DRAWN TO THE DESIGNATED SCALE FROM FIELD NOTES OF A SURVEY MADE BY ME (OR UNDER MY SUPERVISION AND DIRECTION), BETWEEN THE 21ST DAY OF OCT AND THE 21ST DAY OF OCT. 1982; THAT IT TRULY AND CORRECTLY REPRESENTS THE PROPOSED LOCATION AND EXTENT OF THE WORKS USED TO DIVERT WATER FROM AN UNDERGROUND SOURCE IN CHURCHILL COUNTY, BY DON COOPS FOR DOMESTIC AND STOCKWATERING PURPOSES THAT THE PROPOSED POINT OF DIVERSION, THE APPROXIMATE LOCATION AND SIZE OF THE DIVERTING CHANNEL OR OTHER CONDUIT THE PLACE AND MANNER OF USE, AND THE LOCATION AND NAMES OF ALL OTHER WORKS OR STREAMS WHICH ARE CROSSED BY, OR CONNECTED WITH THE SAID WORKS, ARE FULLY AND CORRECTLY DESIGNATED THEREON.

Donald E. Lewis
STATE WATER RIGHT SURVEYOR

SUBSCRIBED AND SWORN TO BEFORE ME THIS 4th DAY OF November 1982 NOTARY PUBLIC IN AND FOR Churchill COUNTY NEVADA.

SEAL

Molly L. Smith
NOTARY PUBLIC.

BASIS OF BEARING: MAGNETIC DECLINATION 17°E



NOV 19 1982
STATE ENGINEER'S OFFICE

'82 NOV 19 P2:30

RECEIVED
STATE ENGINEER'S OFFICE

400 300 200 100 0 800 1200 1600

45973

MAP TO ACCOMPANY APPLICATION TO APPROPRIATE WATER FOR DOMESTIC AND STOCKWATERING PURPOSES BY DON COOPS FROM AN UNDERGROUND SOURCE.

SURVEYOR: DONALD E. LEWIS
SCHINDLER ROAD
FALLON NEVADA 89406

SHEET 1 OF 1

CERTIFICATE NO. 11565 ISSUED 9-9-86

45973



Site Search

Permit Information

New Search

App/Permit: 45973
Status: CERTIFICATE
Certificate: 11565

General | Maps & Due Dates | Place of Use | Abrogations/Protests/Rulings | Ownership and Title

Current Ownership Information

(NOTE: Owner names shown here are standardized for retreival purposes only. Verify legal names before submitting any new documentation.)

Owner	Type	Div Rate	Duty	Acres	Change By	APN	County	Description
MASTERPOOL, JEROME	C	0	0	0				
MASTERPOOL, TARA LYNN	C	0	0	0				

Confirmed By:
Effective Date:

Original Owners

Owner
COOPS, DON

Remarks

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

PERMIT 46797/CERTIFICATE 11065

BASIN: Dixie Valley (128) **COUNTY:** Churchill

LATITUDE: 39.405305 **LONGITUDE:** -118.168843

OWNERSHIP:	Takacs, Barbara F. and Gary R.
PRIORITY DATE:	04/08/1983
SOURCE DESCRIPTION:	Underground – Eleven Mile Well
POINT OF DIVERSION:	SE¼SE¼ Section 20, T.18N., R.34E., M.D.M.
MANNER OF USE:	Stockwatering
USE UNITS:	300 Cattle
PLACE OF USE:	SE¼SE¼ Section 20, T.18N., R.34E., M.D.M.
DIVERSION RATE:	0.009 CFS
ALLOWED DUTY:	6.72 AFA
PERIOD OF USE:	01/01 – 12/31
STATUS:	Certificated
DUE DATES:	None

REMARKS:

POD PARCEL:	Churchill County APN No. 003-091-01
POD PARCEL OWNER:	Bureau of Land Management
POU PARCEL:	Churchill County APN No. 003-091-01
POU PARCEL OWNER:	Bureau of Land Management

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

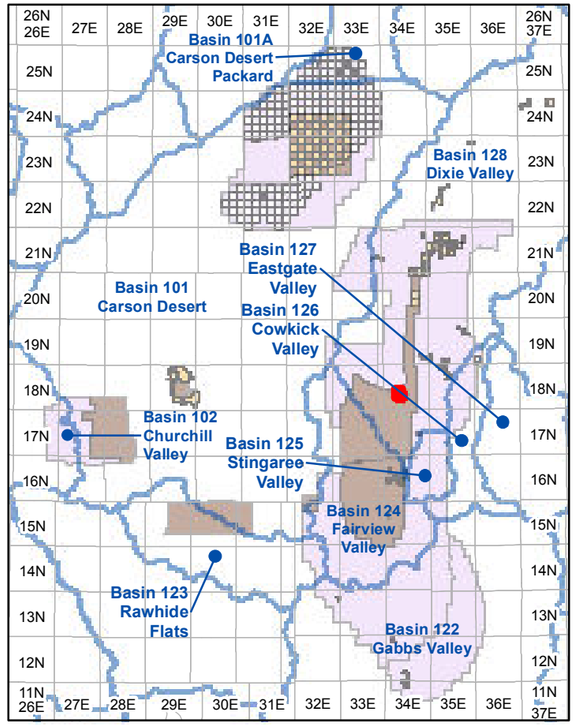
Permit 46797/Certificate 11065

The current owners of Permit 46797/Certificate 11065 are Gary R. and Barbara F. Takacs. The permit was approved by the State Engineer on September 1, 1983 and was issued Certificate 11065 on January 23, 1985. It has a priority date of April 8, 1983 and a total duty of 6.72 acre-feet annually with an allowed diversion rate of 0.009 CFS permitted for stock watering purposes sufficient to water 300 cattle. The allowed period of use is January 1 through December 31.

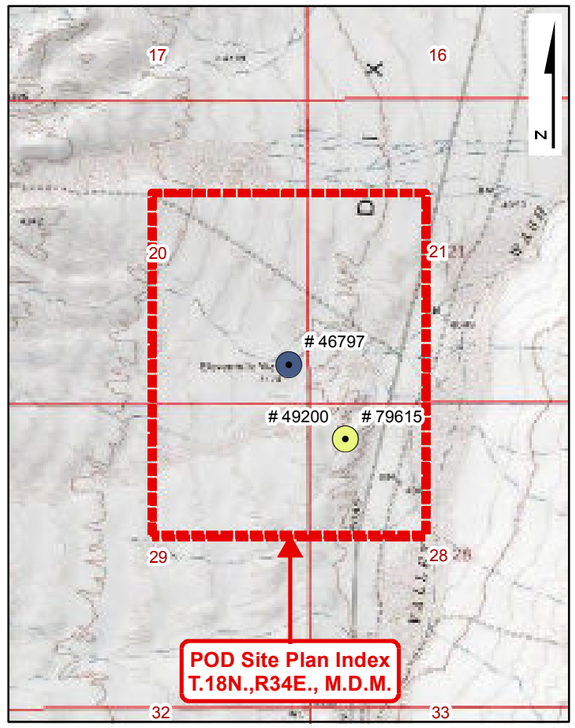
The point of diversion is located within the SE¼SE¼ of Section 20, Township 18N, Range 34E, MDM. The permitted place of use is in the Dixie Valley Basin, within Churchill County APN 003-091-01 under the ownership of the Bureau of Land Management and is more specifically listed in the table below.

QQ	Q	Section	Township	Range	Acres
SE	SE	20	18N	34E	

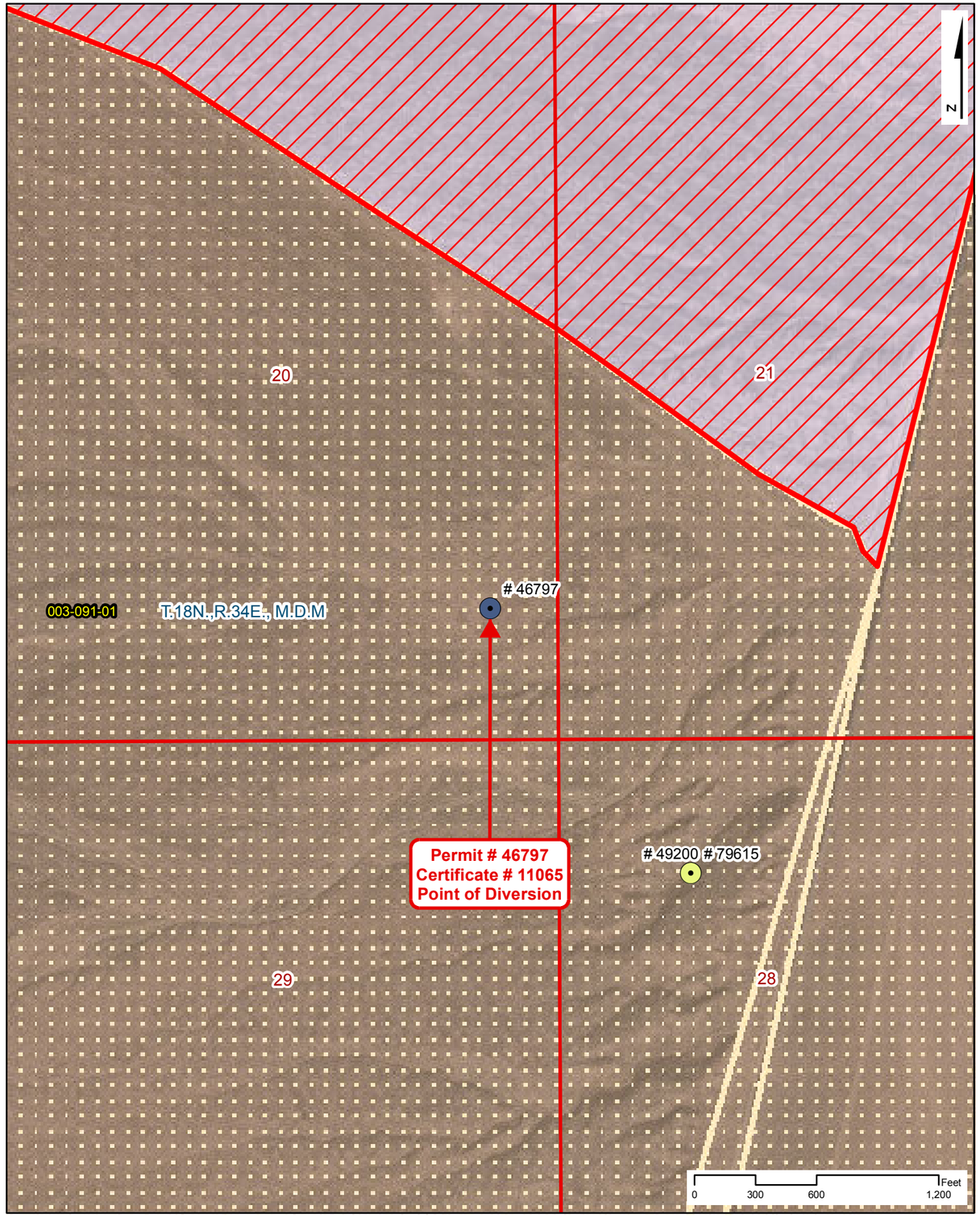
Permit 46797/Certificate 11065 is currently in good standing with the NDWR with no further action required.



Township and Range Index
Scale: 1" = 20 Miles



USGS Quadmap Site Plan Index
Scale: 1" = 1/2 Mile



Point of Diversion Site Plan
Scale: 1" = 600'

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631

WATER RIGHTS RESEARCH INVENTORY SERVICES

PERMIT: 46797 — **CERTIFICATE: 11065**

BASIN: Dixie Valley (128) — **COUNTY: Churchill**
LATITUDE: 39.405305 — **LONGITUDE: -118.168843**
POINT OF DIVERSION: SE1/4,SE1/4, Section 20, T.18N.,R34E., M.D.M.
PLACE OF USE (DWR Polygon ID): N/A
PERMIT LAND CATEGORY: Existing Lands Privately Held

OWNERSHIP

Takacs, Barbara F. and Gary R.

PRIORITY DATE: 4/8/1983
PERMIT DATE: 9/1/1983
CERTIFICATE DATE: 1/23/1985
DUE DATE: None

USE UNITS

300 Cattle

SOURCE DESCRIPTION: Underground
MANNER OF USE: Stock-Watering
DIVERSION RATE: 0.009 CFS
ALLOWED DUTY: 6.720 AFA
PERIOD OF USE: 01/01-12/31

GIS PARCEL DATA

A.P.N. 003-091-01, CHURCHILL COUNTY BUREAU OF LAND MANAGEMENT

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index

- Township Range Grid
- Hydrographic Basins

Existing Navy Lands
- Withdrawan
- Non Federal
- Navy Owned

Proposed Navy Lands
- Proposed Withdrawal Expansion
- Non Federal

Point of Diversion Manner of Use

- As Decreed
- Commercial
- Domestic
- Environmental
- Industrial
- Irrigation
- Mining & Milling
- Municipal
- Other
- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

R O Anderson

PERMIT: 46797
CERTIFICATE: 11065

Product of R.O. Anderson Engineering, Inc. -= Project: 12730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_Permit_Certificate_Maps.mxd -= GIS Specilist: Eric Herron -= Publication Date: 10/5/2019 10:45:43 AM

ASSIGNED
Nº 46797

APPLICATION FOR PERMIT
TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

Date of filing in State Engineer's Office APR 8 1983

Returned to applicant for correction

Corrected application filed

Map filed APR 8 1983

The applicant Waymen and/or Judy Rosenlund

355 Cattle Rd. (Street and No. or P.O. Box No.), of Dixie Valley (City or Town),

NV. 89406 (State and Zip Code No.), hereby make application for permission to appropriate the public waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.)

1. The source of the proposed appropriation is Elevenmile Well
(Name of stream, lake, spring, underground or other source)

2. The amount of water applied for is 0.02 second-feet
(One second-foot equals 448.83 gals. per min.)

(a) If stored in reservoir give number of acre-feet

3. The water to be used for Stockwater
(Irrigation, power, mining, manufacturing, domestic, or other use. Must limit to one use.)

4. If use is for:

(a) Irrigation, state number of acres to be irrigated:

(b) Stockwater, state number and kinds of animals to be watered: 300 cattle

(c) Other use (describe fully under "No. 12. Remarks"

(d) Power:

(1) Horsepower developed

(2) Point of return of water to stream

5. The water is to be diverted from its source at the following point: SE¼ SE¼ Section 20, T18N R34E.
(Describe as being within a 40-acre subdivision of public survey, and by course and distance to a section corner. If on unsurveyed land, it should be so stated.)
M.D.B.&M. the bearing & distance from the well site to the SE corner of Section 20,T18N R34E M.D.B. &M. is S26°15'E ,760.50 ft.

6. Place of use SE¼ SE¼ Section 20, T18N R34E, M.D.B. &M.
(Describe by legal subdivision. If on unsurveyed land, it should be so stated.)

7. Use will begin about Jan 1st (Month and Day) and end about Dec. 31st (Month and Day), of each year.

8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) drilled well, submersible pump, 5000 gal storage tank, stockwater trough., 1½"pipe
(State manner in which water is to be diverted, i.e. diversion structure, ditches and flumes, drilled well with pump and motor, etc.)

9. Estimated cost of works $5000.00

10. Estimated time required to construct works 1 year
If well completed, describe works.

11. Estimated time required to complete the application of water to beneficial use 1 year

12. Remarks: For use other than irrigation or stock watering, state number and type of units to be served or annual consumptive use.

By s/Donald E. Lewis, Agent
3900 Schindler Rd.
Fallon,NV. 89406

Compared js/bl ja/br

Protested

APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This permit is issued subject to all existing rights on the source. It is understood that the amount of water herein granted is only a temporary allowance and that the final water right obtained under this permit will be dependent upon the period of use and the average number of livestock served from the waters of this source. It is further understood that this right must allow for a reasonable lowering of the static water level at permittee's well due to any other ground water development in the area. The well shall be equipped with a 2-inch opening for measuring depth to water. If well is flowing, a valve must be installed and maintained to prevent waste. The State retains the right to regulate the use of the water herein granted at any and all times but does not take responsibility for the use of the Federal range.

This Permit does not extend the permittee the right of ingress and egress on public, private or corporate lands.

The issuance of this permit does not waive the requirements that the permit holder obtain other permits from State, Federal, and local agencies.

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed 0.0094 cubic feet per second, or sufficient water to water 300 head of cattle.

Work must be prosecuted with reasonable diligence and be completed on or before September 1, 1984

Proof of completion of work shall be filed before October 1, 1984

Application of water to beneficial use shall be made on or before September 1, 1986

Proof of the application of water to beneficial use shall be filed on or before October 1, 1986

Map in support of proof of beneficial use shall be filed on or before

Completion of work filed MAY 2 1984

Proof of beneficial use filed SEP 24 1984

Cultural map filed

Certificate No. 11065 Issued JAN 23 1985

IN TESTIMONY WHEREOF, I PETER G. MORROS, State Engineer of Nevada, have hereunto set my hand and the seal of my office, this 1st day of SEPTEMBER, A.D. 19 83

State Engineer

218 (Rev.)

Application No. 46797 Certificate Record No. 11065 Book 38 Page 11065

THE STATE OF NEVADA
CERTIFICATE OF APPROPRIATION OF WATER

WHEREAS, Donald E. Lewis, Agent has presented to the State Engineer of the State of Nevada Proof of Application of Water to Beneficial Use, from an Underground Source (Elevenmile Well) through a drilled well, pump and distribution system for Stockwatering purposes. The point of diversion of water from the source is as follows: SE¼ SE¼ Section 20, T.18N., R.34E., M.D.B.&M., or at a point from which the SE corner of said Section 20 bears S. 26° 15' E., a distance of 760.5 feet situated in Churchill County, State of Nevada.

NOW KNOW YE, That the State Engineer, under the provisions of NRS 533.425, has determined the date, source, purpose, amount of appropriation, and the place where such water is appurtenant, as follows:

Name of appropriator Waymen and/or Judy Rosenlund

Post-office address Fallon, Nevada

Amount of appropriation 0.0094 c.f.s., or sufficient to water 300 head of cattle

Period of use, from January 1st to December 31st of each year

Date of priority of appropriation April 8, 1983

Description of works of diversion, manner and place of use:

Water is developed in the well, thence conveyed via a distribution system via 15 feet of 1-1/4 inch pipeline to a 5,000 gallon storage tank, thence conveyed by 50 feet of 1-1/4 inch pipeline to a trough where 300 cattle are watered within the SE¼ of the SE¼ of Section 20, T.18N., R.34E., M.D.B.&M.

This certificate is issued subject to the terms of the permit.

The right to water hereby determined is limited to the amount which can be beneficially used, not to exceed the amount above specified, and the use is restricted to the place and for the purpose as set forth herein.

IN TESTIMONY WHEREOF, I PETER G. MORROS, State Engineer of Nevada, have hereunto set my hand and the seal of my office, this 23rd day of JANUARY, A.D. 19 85

Compared bc/bd

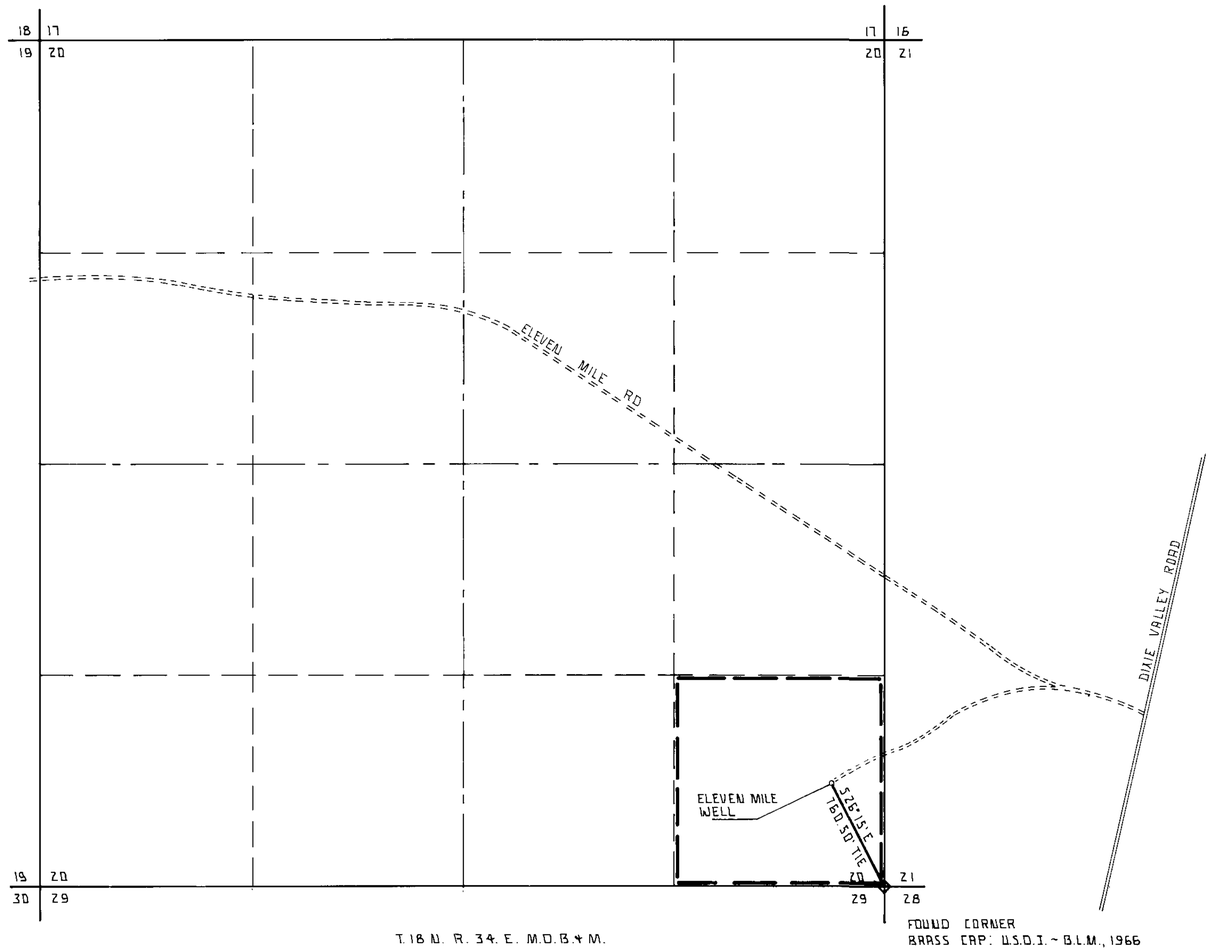
Recorded ..... Bk..... Page.....

.....County Records.



State Engineer

1923



T. 18 N. R. 34 E. M.D.B.& M.

FOUND CORNER
BRASS CAP: U.S.D.I. ~ B.L.M., 1966

STATE OF NEVADA }
COUNTY OF CHURCHILL } SS

I DONALD E. LEWIS, BEING FIRST DULY SWORN, DEPOSE AND SAY THAT THIS MAP, CONSISTING OF 1 SHEET, NUMBERED FROM 1 TO 1, INCLUSIVE, HAS BEEN CORRECTLY DRAWN TO THE DESIGNATED SCALE FROM FIELD NOTES OF A SURVEY MADE BY ME, (OR UNDER MY SUPERVISION AND DIRECTION,) BETWEEN THE 27TH DAY OF MARCH, AND THE 27TH DAY OF MARCH 1983; THAT IT TRULY AND CORRECTLY REPRESENTS THE PROPOSED LOCATION AND EXTENT OF THE WORKS USED TO DIVERT WATER FROM AN UNDERGROUND SOURCE IN CHURCHILL COUNTY, BY WAYMEN AND OR JUDY ROSENLUND FOR STOCKWATER PURPOSES. THAT THE PROPOSED POINT OF DIVERSION, THE APPROXIMATE LOCATION AND SIZE OF THE DIVERTING CHANNEL OR OTHER CONDUIT, THE PLACE AND MANNER OF USE, AND THE LOCATION AND NAMES OF ALL OTHER WORKS OR STREAMS WHICH ARE CROSSED BY, OR CONNECTED WITH THE SAID WORKS, ARE FULLY AND CORRECTLY DESIGNATED THEREON.

Donald E Lewis
STATE WATER RIGHT SURVEYOR

SUBSCRIBED AND SWORN TO BEFORE ME THIS 5th DAY OF April 1983 NOTARY PUBLIC IN AND FOR Churchill COUNTY NEVADA

SEAL

Molly F Smith
NOTARY PUBLIC

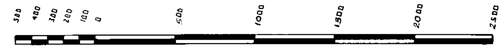
MOLLY F SMITH
Notary Public, Nevada
Churchill County
My Appointment Expires May 24, 1986

BASIS OF BEARING: MAGNETIC DECLINATION 17°E (OBTAINED FROM USGS QUADRAGLE MAP)

EARTH... 11065 1/28/83



-NORTH-
SCALE: 1" = 500 FT.



FILED
STATE ENGINEER'S OFFICE

46797

MAP TO ACCOMPANY APPLICATION TO APPROPRIATE WATER FOR STOCKWATERING PURPOSES BY WAYMEN AND OR JUDY ROSENLUND FROM AN UNDERGROUND SOURCE.

SURVEYOR: DONALD E. LEWIS
3900 SCHINDLER RD
FALLON NEVADA 89406

SHEET 1 OF 1

46797

State of Nevada
Division of Water Resources

Site Search

Permit Information

New Search

App/Permit: 46797
Status: CERTIFICATE
Certificate: 11065

General | Maps & Due Dates | Place of Use | Abrogations/Protests/Rulings | Ownership and Title

Current Ownership Information

(NOTE: Owner names shown here are standardized for retreival purposes only. Verify legal names before submitting any new documentation.)

Owner	Type	Div Rate	Duty	Acres	Change By	APN	County	Description
TAKACS, BARBARA F.	C	0	0	0				
TAKACS, GARY R.	C	0	0	0				

Confirmed By:
Effective Date:

Original Owners

Owner
ROSENLUND, WAYMEN
ROSENLUND, JUDY

Remarks

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

PERMIT 46901/CERTIFICATE 11466

BASIN: Rawhide Flats (123) **COUNTY:** Churchill

LATITUDE: 39.176176 **LONGITUDE:** -118.739572

OWNERSHIP:	Damonte Ranch LLC
PRIORITY DATE:	May 11, 1983
SOURCE DESCRIPTION:	Underground
POINT OF DIVERSION:	NE¼SE¼ Section 9, T.15N., R.29E., M.D.M.
MANNER OF USE:	Stockwatering
USE UNITS:	200 Cattle
PLACE OF USE:	NE¼SE¼ Section 9, T.15N., R.29E., M.D.M.
DIVERSION RATE:	0.006 CFS
ALLOWED DUTY:	2.55 AFS
PERIOD OF USE:	11/01 – 03/30
STATUS:	Certificated
DUE DATES:	None

REMARKS:

POD PARCEL:	Churchill County APN No. 002-211-01
POD PARCEL OWNER:	Bureau of Land Management
POU PARCEL:	Churchill County APN No. 002-211-01
POU PARCEL OWNER:	Bureau of Land Management

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

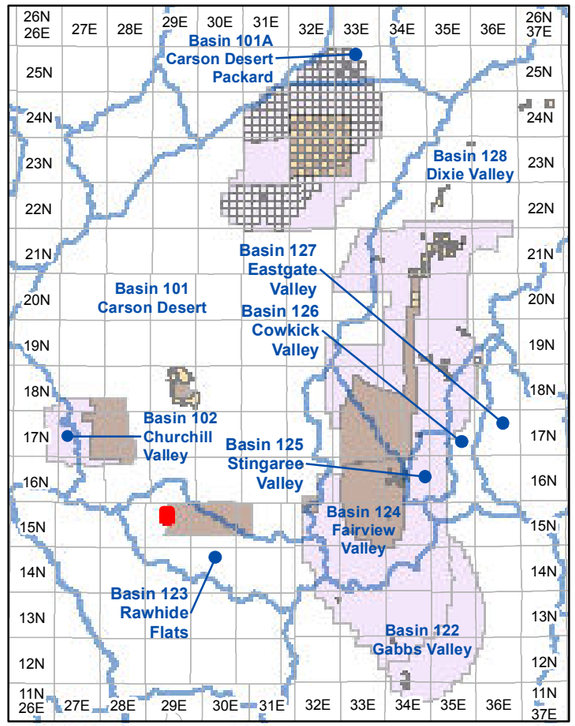
Permit 46901/Certificate 11466

The current owner of Permit 46901/Certificate 11466 is Damonte Ranch LLC. The permit was approved by the State Engineer on October 12, 1983 and was issued Certificate 11466 on July 3, 1986. It has a priority date of May 11, 1983 and a total duty of 2.55 acre-feet seasonally with an allowed diversion rate of 0.006 CFS permitted for stock watering purposes sufficient to water 200 cattle. The allowed period of use is November 1 through March 30.

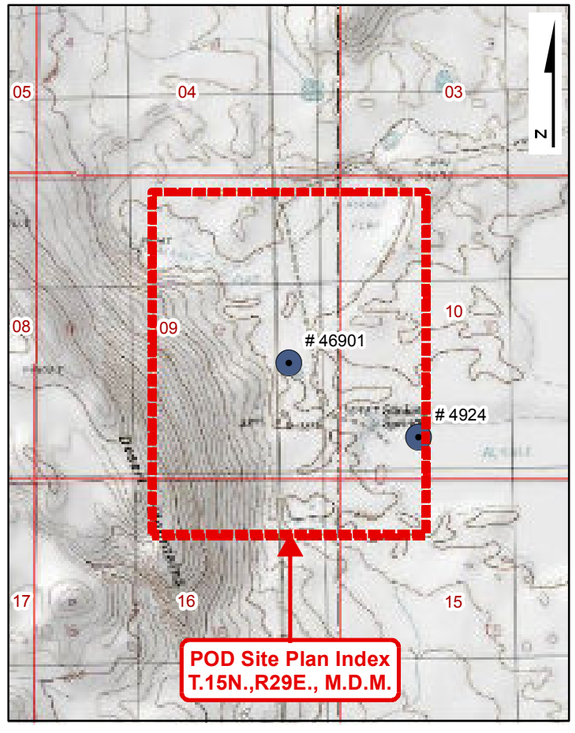
The point of diversion is located within the NE¼SE¼ of Section 9, Township 15N, Range 29E, MDM. The permitted place of use is in the Rawhide Flats Basin within Churchill County APN 002-211-01 under the ownership of the Bureau of Land Management and is more specifically listed in the table below.

QQ	Q	Section	Township	Range	Acres
NE	SE	9	15N	29E	

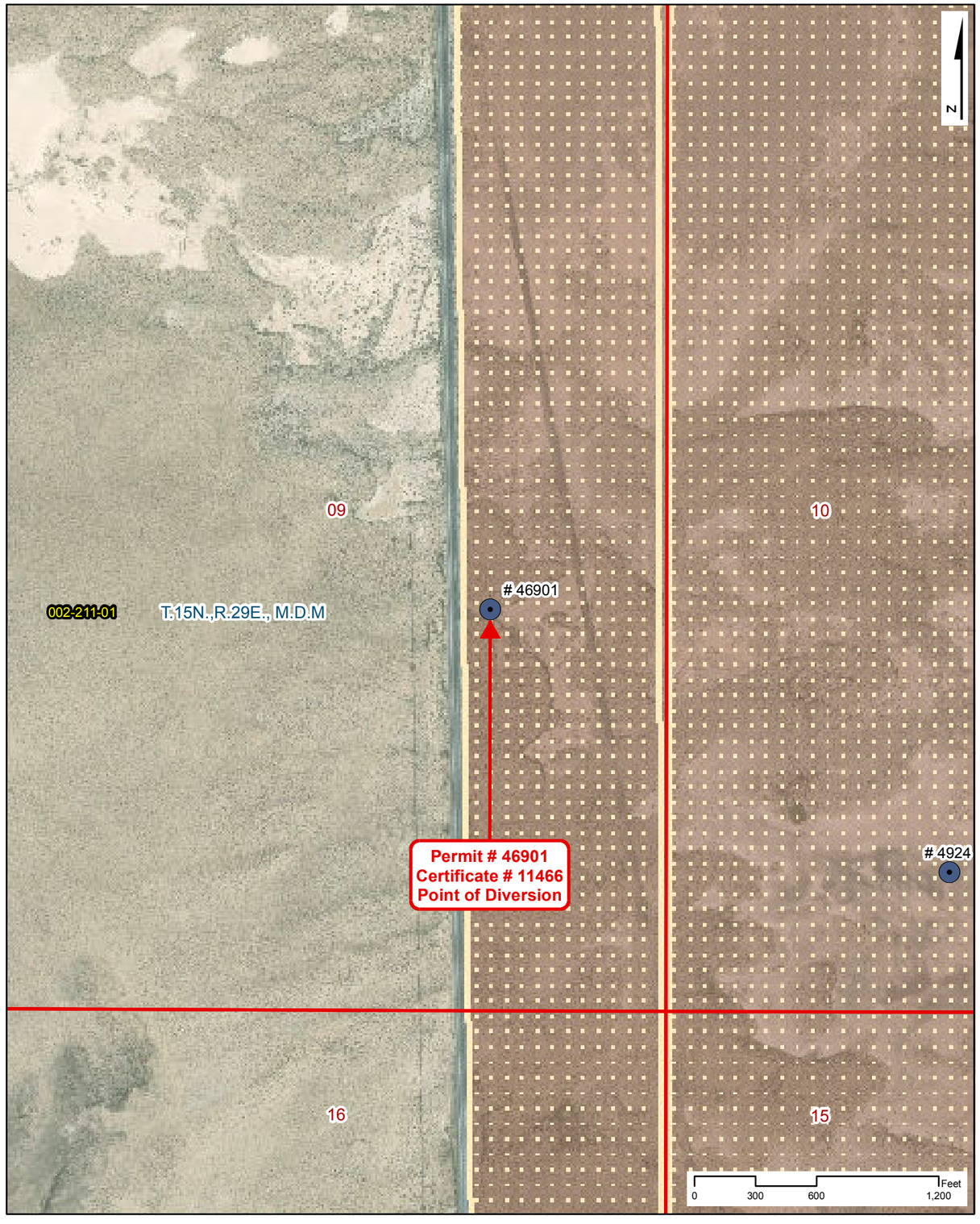
Permit 46901/Certificate 11466 is currently in good standing with the NDWR with no further action required.



Township and Range Index
Scale: 1" = 20 Miles



USGS Quadmap Site Plan Index
Scale: 1" = 1/2 Mile



Point of Diversion Site Plan
Scale: 1" = 600'

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631

WATER RIGHTS RESEARCH INVENTORY SERVICES

PERMIT: 46901 **CERTIFICATE: 11466**

BASIN: Rawhide Flats (123) **COUNTY: Churchill**
LATITUDE: 39.176176 **LONGITUDE: -118.739572**
POINT OF DIVERSION: NE1/4,SE1/4, Section 9, T.15N.,R29E., M.D.M.
PLACE OF USE (DWR Polygon ID): N/A
PERMIT LAND CATEGORY: Existing Lands Privately Held

OWNERSHIP

Damonte Ranch LLC

PRIORITY DATE: 5/11/1983
PERMIT DATE: 10/12/1983
CERTIFICATE DATE: 7/3/1986
DUE DATE: None

USE UNITS

600 Cattle

SOURCE DESCRIPTION: Underground
MANNER OF USE: Stock-Watering
DIVERSION RATE: 0.006 CFS
ALLOWED DUTY: 2.550 AFA
PERIOD OF USE: 11/01-03/30

GIS PARCEL DATA

A.P.N. 002-211-01, CHURCHILL COUNTY
BUREAU OF LAND MANAGEMENT

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index

- Township Range Grid
- Hydrographic Basins

Existing Navy Lands

- Withdrawan
- Non Federal
- Navy Owned

Proposed Navy Lands

- Proposed Withdrawal Expansion
- Non Federal

Point of Diversion Manner of Use

- As Decreed
- Commercial
- Domestic
- Environmental
- Industrial
- Irrigation
- Mining & Milling
- Municipal
- Other
- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

R O Anderson

PERMIT: 46901
CERTIFICATE: 11466

Product of R.O. Anderson Engineering, Inc. -= Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_Permit_Certificate_Maps.mxd -= GIS Specilist: Eric Herron -= Publication Date: 10/5/2019 10:45:45 AM

ASSIGNED

Nº 46901

APPLICATION FOR PERMIT

TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

Date of filing in State Engineer's Office MAY 11 1983

Returned to applicant for correction

Corrected application filed

Map filed MAY 11 1983

The applicant Rolling A Ranch

P. O. Box 140 (Street and No. or P.O. Box No.), of Dayton (City or Town),

Nev. 89403 (State and Zip Code No.), hereby make S application for permission to appropriate the public waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.)

1. The source of the proposed appropriation is Underground (Name of stream, lake, spring, underground or other source)

2. The amount of water applied for is .03c.f.s. second-feet (One second-foot equals 448.83 gals. per min.)

   (a) If stored in reservoir give number of acre-feet

3. The water to be used for Stockwatering (Irrigation, power, mining, manufacturing, domestic, or other use. Must limit to one use.)

4. If use is for:

   (a) Irrigation, state number of acres to be irrigated:

   (b) Stockwater, state number and kinds of animals to be watered: 600 cattle

   (c) Other use (describe fully under "No. 12. Remarks"

   (d) Power:

      (1) Horsepower developed

      (2) Point of return of water to stream

5. The water is to be diverted from its source at the following point: located in the NE¼ of SE¼, Sec. 9, T.15 N, R 29 E, MDB&M at a point that bears N 03° 47' 14" W a distance of 8039.50 feet to the SW corner of Sec. 33, T 16 N, R 29 E, MDB&M. (Describe as being within a 40-acre subdivision of public survey, and by course and distance to a section corner. If on unsurveyed land, it should be so stated.)

6. Place of use NE¼ of SE¼, Sec. 9, T 15 N, R 29 E, MDB&M (Describe by legal subdivision. If on unsurveyed land, it should be so stated.)

7. Use will begin about Nov. 1st (Month and Day) and end about March 30th (Month and Day), of each year.

8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) Concrete trough 4' x 16' x 2'; From well to tank is 750 ft of 1½" pipe; submergible pump powered by gasoline operated generator. (State manner in which water is to be diverted, i.e. diversion structure, ditches and flumes, drilled well with pump and motor, etc.)

9. Estimated cost of works Existing and in operation

10. Estimated time required to construct works. Concrete trough 4' x 16' x 2'; From well to tank
If well completed, describe works.
is 750 ft of 1½" pipe; submergible pump powered by gasoline operated generator.

11. Estimated time required to complete the application of water to beneficial use. 1 year

12. Remarks: For use other than irrigation or stock watering, state number and type of units to be served or annual consumptive use.

Rolling A. Ranch
By s/Donald (illegible)
P. O. Box 140
Dayton, NV 89403

Compared bl/ kc br/bc

Protested

APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This permit is issued subject to all existing rights on the source. It is understood that the amount of water herein granted is only a temporary allowance and that the final water right obtained under this permit will be dependent upon the period of use and the average number of livestock served from the waters of this source. It is further understood that this right must allow for a reasonable lowering of the static water level at permittee's well due to any other ground water development in the area. The well shall be equipped with a 2-inch opening for measuring depth to water. If well is flowing, a valve must be installed and maintained to prevent waste. The State retains the right to regulate the use of the water herein granted at any and all times but does not take responsibility for the use of the Federal range.

This Permit does not extend the permittee the right of ingress and egress on public, private or corporate lands.

The issuance of this permit does not waive the requirements that the permit holder obtain other permits from State, Federal, and local agencies.

This permit is issued under the provisions of NRS 534.120(2) as a preferred use.

The period of use of this permit is from November 1 to March 30 of the following year.

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed 0.0187 cubic feet per second, or sufficient water to water 600 head of cattle.

Work must be prosecuted with reasonable diligence and be completed on or before October 12, 1984

Proof of completion of work shall be filed before November 12, 1984

Application of water to beneficial use shall be made on or before October 12, 1886

Proof of the application of water to beneficial use shall be filed on or before November 12, 1986

Map in support of proof of beneficial use shall be filed on or before

Completion of work filed DEC 7 1984

Proof of beneficial use filed FEB 25 1986

Cultural map filed

Certificate No. 11466 Issued JUL 3 1986

IN TESTIMONY WHEREOF, I PETER G. MORROS, State Engineer of Nevada, have hereunto set my hand and the seal of my office, this 12th day of OCTOBER, A.D. 19 83.

State Engineer

218 (Rev.)

Application No. 46901 Certificate Record No. 11466 Book 39 Page 11466

THE STATE OF NEVADA
CERTIFICATE OF APPROPRIATION OF WATER

WHEREAS, Donald J. Jackson, Agent has presented to the State Engineer of the State of Nevada Proof of Application of Water to Beneficial Use, from an Underground Source through a drilled well, pump and stockwatering troughs for Stockwater purposes. The point of diversion of water from the source is as follows: NE¼ SE¼ Section 9, T.15N., R.29E., M.D.B.&M., or at a point from which the SW corner of Section 33, T.16N., R.29E., M.D.B.&M., bears N. 03° 47' 14" W., a distance of 8,039.50 feet situated in Churchill County, State of Nevada.

NOW KNOW YE, That the State Engineer, under the provisions of NRS 533.425, has determined the date, source, purpose, amount of appropriation, and the place where such water is appurtenant, as follows:

Name of appropriator Rolling A Ranch

Post-office address Dayton, Nevada

Amount of appropriation 0.006 c.f.s., or sufficient to water 200 head of cattle

Period of use, from November 1st to March 30th of each year

Date of priority of appropriation May 11, 1983

Description of works of diversion, manner and place of use:
Water is developed by means of a drilled well, 250 feet deep, 8" diameter casing, equipped with a generator and 1/2 H.P. submersible pump, thence the water is conveyed to four each 50 gallon steel troughs and one 650 gallon concrete trough where 200 head of cattle water within the NE¼ SE¼ of Section 9, T.15N., R.29E., M.D.B.&M.

This certificate is issued subject to the terms of the permit.

The right to water hereby determined is limited to the amount which can be beneficially used, not to exceed the amount above specified, and the use is restricted to the place and for the purpose as set forth herein.

IN TESTIMONY WHEREOF, I PETER G. MORROS, State Engineer of Nevada, have hereunto set my hand and the seal of my office, this 3rd day of JULY, A.D. 19 86.

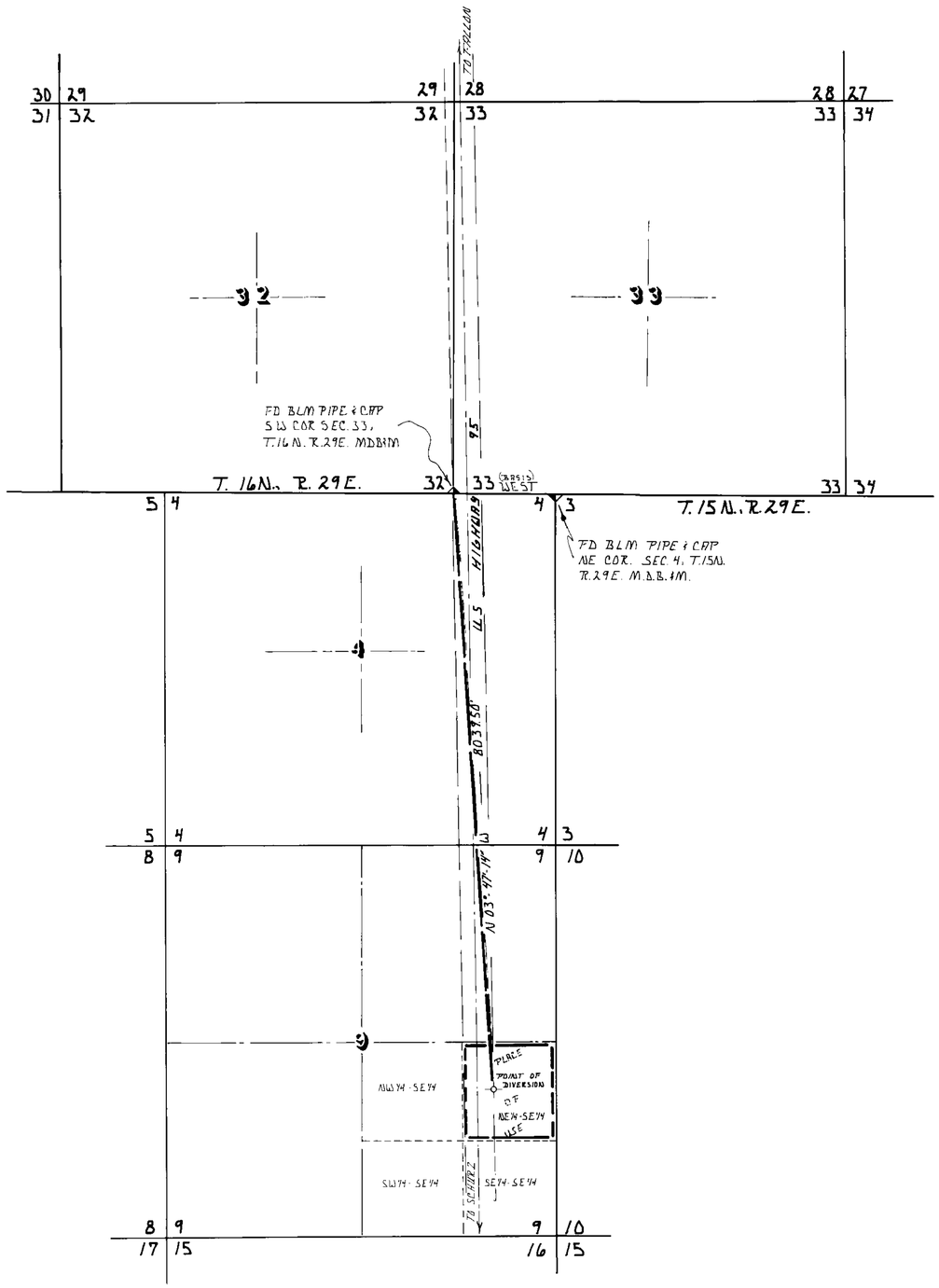
Peter G. Morros
State Engineer

Compared bc/bl

Recorded ..... Bk..... Page.....

.....County Records.

1923



MAP

TO ACCOMPANY APPLICATION TO APPROPRIATE WATER FOR STOCKWATERING PURPOSES.

STATE OF NEVADA }
COUNTY OF CHURCHILL } SS

I, LOWELL D. EMERY, BEING FIRST DULY SWORN DEPOSE AND SAY THAT THIS MAP CONSISTING OF ONE SHEET NUMBERED FROM 1 TO 1 INCLUSIVE HAS BEEN CORRECTLY DRAWN TO THE DESIGNATED SCALE FROM FIELD NOTES OF A SURVEY MADE BY ME BETWEEN THE 23rd DAY OF Feb. AND THE 18th DAY OF April 1983: THAT IT TRULY AND CORRECTLY REPRESENTS THE PROPOSED LOCATION AND EXTENT OF THE WORKS USED TO DIVERT WATER FROM AN UNDERGROUND SOURCE IN CHURCHILL COUNTY BY

ROLLING A RANCH
APPLICANT

FOR THE PURPOSE OF DOMESTIC + STOCKWATERING; THAT THE PROPOSED POINT OF DIVERSION THE APPROXIMATE LOCATION AND SIZE OF THE DIVERTING CHANNEL OR OTHER CONDUIT, THE PLACE AND MANNER OF USE AND THE LOCATION AND NAMES OF ALL OTHER WORKS OR STREAMS WHICH ARE CROSSED BY OR CONNECTED WITH THE SAID WORKS ARE FULLY AND CORRECTLY DESIGNATED THEREON.

Lowell D. Emery
LOWELL D. EMERY R.L.S. 1251 S.W.R.S 536

SUBSCRIBED AND SWORN TO BEFORE ME THIS 18th DAY OF April 1983 NOTARY PUBLIC IN AND FOR CHURCHILL COUNTY, NEVADA.

DELBERT R. LUFT
Notary Public - State of Nevada
Appointment Recorded in Ch...
M. APPOINTMENT EXPIRES ...

Delbert R. Luft
NOTARY PUBLIC

N

SCALE 1" = 1000 FT.

0 1000 2000 3000 4000 5000

BASIS OF BEARING

WEST ON THE SOUTH LINE OF SEC. 33 T.16N., R.29E. M.D.B.&M. AS PER BLM RECORD.

MAP TO ACCOMPANY APPLICATION TO APPROPRIATE WATER FOR STOCKWATERING PURPOSES.

BY ROLLING A RANCH
FROM AN UNDERGROUND SOURCE

SCALE 1" = 1000 FT.
DATE MARCH 1, 1983

SURVEYED BY
LOWELL D. EMERY S.W.R.S. 536
P.O. BOX 84
FALLON, NEVADA 89406

CERTIFICATE No. 11466 ISSUED 7/3/86

46901

State of Nevada
Division of Water Resources

Site Search

Permit Information

New Search

App/Permit: 46901
Status: CERTIFICATE
Certificate: 11466

General | Maps & Due Dates | Place of Use | Abrogations/Protests/Rulings | Ownership and Title

Current Ownership Information

(NOTE: Owner names shown here are standardized for retreival purposes only. Verify legal names before submitting any new documentation.)

Owner	Type	Div Rate	Duty	Acres	Change By	APN	County	Description
DAMONTE RANCH LLC	C	0.006	2.547187	0				

Confirmed By: CGM
Effective Date: 3/6/2003

Original Owners

Owner
ROLLING A RANCH

Remarks

600 CATTLE

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

PERMIT 48241/CERTIFICATE 11989

BASIN: Carson Desert (101) **COUNTY:** Churchill

LATITUDE: 39.168056 **LONGITUDE:** -118.533333

OWNERSHIP:	David F. Stix
PRIORITY DATE:	July 27, 1984
SOURCE DESCRIPTION:	Spring
POINT OF DIVERSION:	NE¼NE¼ Section 17, T.15N., R.31E., M.D.M.
MANNER OF USE:	Stockwatering
USE UNITS:	60 Cattle
PLACE OF USE:	NE¼NE¼ Section 17, T.15N., R.31E., M.D.M.
DIVERSION RATE:	0.001 CFS
ALLOWED DUTY:	0.74 AFA
PERIOD OF USE:	01/01 – 12/31
STATUS:	Certificated
DUE DATES:	None

REMARKS:

POD PARCEL:	Churchill County APN 002-251-01
POD PARCEL OWNER:	Bureau of Land Management
POU PARCEL:	Churchill County APN 002-251-0
POU PARCEL OWNER:	Bureau of Land Management

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

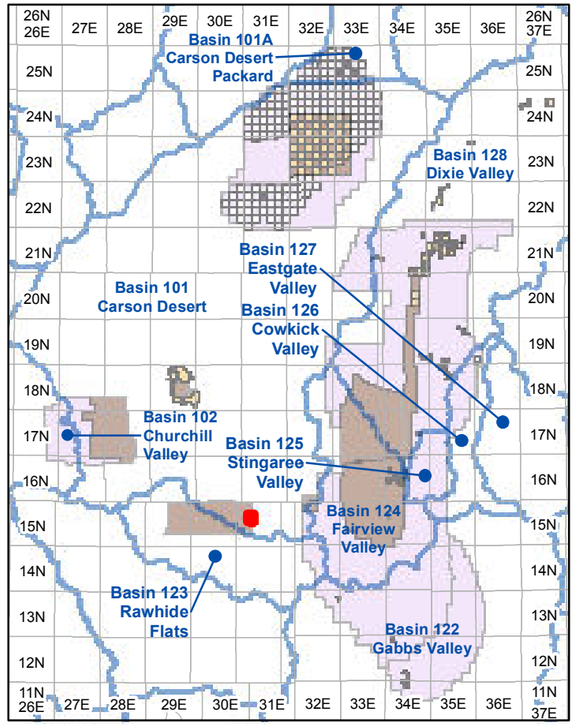
Permit 48241/Certificate 11989

The current owner of Permit 48241/Certificate 11989 is David F. Stix. The permit was approved by the State Engineer on January 18, 1985 and was issued Certificate 11989 on January 27, 1988. It has a priority date of July 27, 1984 and a total duty of 0.736 acre-feet annually with an allowed diversion rate of 0.001 CFS permitted for stock watering purposes sufficient to water 60 cattle. The allowed period of use is January 1 through December 31.

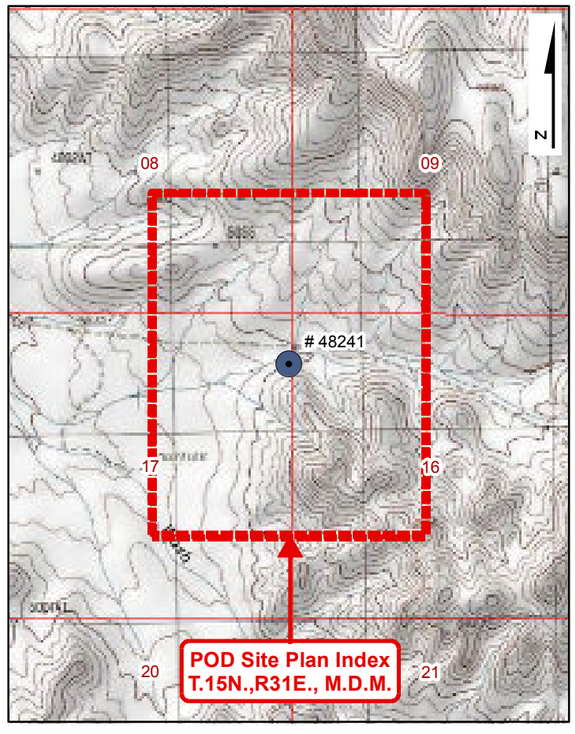
The point of diversion is located within the NE¼NE¼ of Section 17, Township 15N, Range 31E, MDM. The permitted place of use is in the Carson Desert Basin within Churchill County APN 002-251-01 under the ownership of the Bureau of Land Management and is more specifically listed in the table below.

QQ	Q	Section	Township	Range	Acres
NE	NE	17	15N	31E	

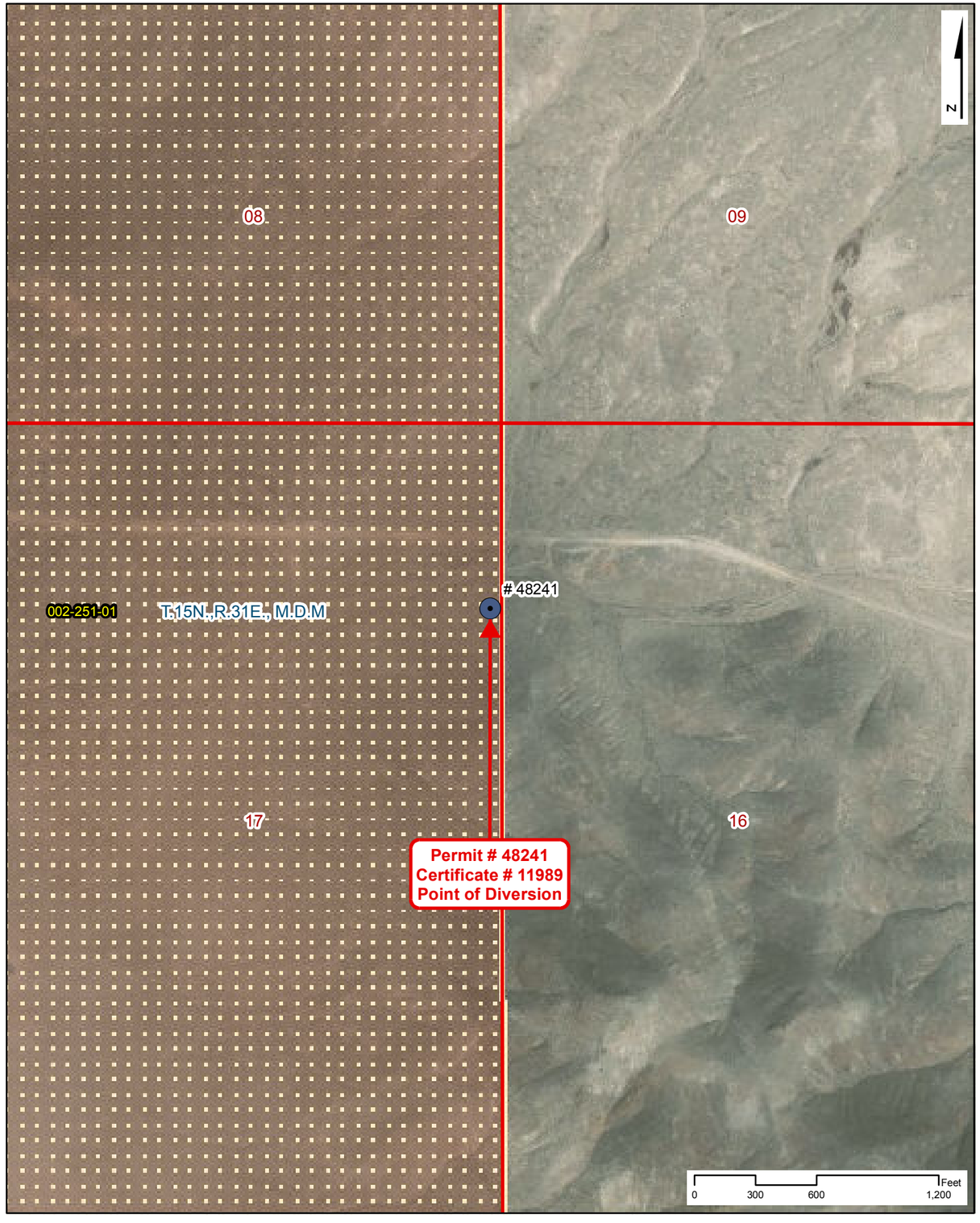
Permit 48241/Certificate 11989 is currently in good standing with the NDWR with no further action required.



Township and Range Index
Scale: 1" = 20 Miles



USGS Quadmap Site Plan Index
Scale: 1" = 1/2 Mile



Point of Diversion Site Plan
Scale: 1" = 600'

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631

WATER RIGHTS RESEARCH INVENTORY SERVICES

PERMIT: 48241 — **CERTIFICATE: 11989**

BASIN: Carson Desert (101) — **COUNTY: Churchill**

LATITUDE: 39.168056 — **LONGITUDE: -118.533333**

POINT OF DIVERSION: NE1/4,NE1/4, Section 17, T.15N.,R31E., M.D.M.

PLACE OF USE (DWR Polygon ID): N/A

PERMIT LAND CATEGORY: Existing Lands Privately Held

OWNERSHIP

Stix, David F.

PRIORITY DATE:	7/27/1984
PERMIT DATE:	1/18/1985
CERTIFICATE DATE:	1/27/1988
DUE DATE:	None

USE UNITS

60 Cattle

SOURCE DESCRIPTION:	Spring
MANNER OF USE:	Stock-Watering
DIVERSION RATE:	0.001 CFS
ALLOWED DUTY:	0.736 AFA
PERIOD OF USE:	01/01-12/31

GIS PARCEL DATA

A.P.N. 002-251-01, CHURCHILL COUNTY
BUREAU OF LAND MANAGEMENT

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index

- Township Range Grid
- Hydrographic Basins

Existing Navy Lands

- Withdrawan
- Non Federal
- Navy Owned

Proposed Navy Lands

- Proposed Withdrawal Expansion
- Non Federal

Point of Diversion Manner of Use

- As Decreed
- Commercial
- Domestic
- Environmental
- Industrial
- Irrigation
- Mining & Milling
- Municipal
- Other
- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

R|O Anderson

PERMIT: 48241
CERTIFICATE: 11989

Product of R.O. Anderson Engineering, Inc. -= Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_Permit_Certificate_Maps.mxd -= GIS Specilist: Eric Herron -= Publication Date: 10/5/2019 10:45:50 AM

ASSIGNED

Nº 48241

APPLICATION FOR PERMIT
TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

Date of filing in State Engineer's Office JUL 2 7 1984

Returned to applicant for correction SEP 6 1984

Corrected application filed

Map filed SEP 1 3 1984

The applicant Larry R. Miller

6355 Schurz Highway (Street and No. or P.O. Box No.), of Fallon (City or Town),

Nevada 89406 (State and Zip Code No.), hereby make S application for permission to appropriate the public waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.)

---

1. The source of the proposed appropriation is Reaper (Surface Source)
   Name of stream, lake, spring, underground or other source

2. The amount of water applied for is 0.001 second-feet
   One second-foot equals 448.83 gals. per min.

   (a) If stored in reservoir give number of acre-feet

3. The water to be used for Stock Water
   Irrigation, power, mining, manufacturing, domestic, or other use. Must limit to one use.

4. If use is for:

   (a) Irrigation, state number of acres to be irrigated

   (b) Stockwater, state number and kinds of animals to be watered 60 cows

   (c) Other use (describe fully under "No. 12. Remarks"

   (d) Power:

      (1) Horsepower developed

      (2) Point of return of water to stream

5. The water is to be diverted from its source at the following point NE1/4 NE1/4 Sec 17, T15N, R31E
   Describe as being within a 40-acre subdivision of public survey, and by course and distance to a section corner. If on unsurveyed land, it should be so stated.
   MDB&M. The bearing & distance from the point fo diversion to the NW corner of Section 18, T15N, R31E, MDB&M is N 83° W, 9504.0 ft. Township T15N, R31E MDB&M is unsurveyed

6. Place of use NE1/4 NE1/4, Sec 17, T15N, R31E, MDB&M.
   Describe by legal subdivision. If on unsurveyed land, it should be so stated.

7. Use will begin about Jan. 1 (Month and Day) and end about Dec 31 (Month and Day), of each year.

8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) Reaper consists of a 133' x 115.5' plastic lined field connected to an 8000 gal storage tank, connected to a stock watering trough with float valve
   State manner in which water is to be diverted, i.e. diversion structure, ditches and flumes, drilled well with pump and motor, etc.

9. Estimated cost of works $5000.00

10. Estimated time required to construct works 2 years
If well completed, describe works.

11. Estimated time required to complete the application of water to beneficial use 3 years

12. Remarks: For use other than irrigation or stock watering, state number and type of units to be served or annual consumptive use.

The term "Reaper" is used by the USDI-BLM to describe a precipitation catchment device, consisting of a bordered, sloping field, lined with a plastic sheet, with a drain at the low point. The water is delivered from the drain, through a suitable pipe to an underground storage tank. From the storage tank, water is delivered through another pipe to a float valve equipped watering trough.

By s/Donald E. Lewis
3900 Schindler Rd
Fallon, NV. 89406

Compared bl/bc 11/bm

Protested

APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This permit is issued subject to all existing rights on the source. It is understood that the amount of water herein granted is only a temporary allowance and that the final water right obtained under this permit will be dependent upon the period of use and the average number of livestock served from the waters of this source. The State retains the right to regulate the use of the water herein granted at any and all times but does not take responsibility for the use of the Federal range.

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed 0.001 cubic feet per second, or sufficient to water 60 head of cattle.

Work must be prosecuted with reasonable diligence and be completed on or before January 18, 1986

Proof of completion of work shall be filed before February 18, 1986

Application of water to beneficial use shall be made on or before January 18, 1987

Proof of the application of water to beneficial use shall be filed on or before February 18, 1987

Map in support of proof of beneficial use shall be filed on or before

Completion of work filed FEB 28 1986

Proof of beneficial use filed FEB 23 1987

Cultural map filed

Certificate No. 11989 Issued JAN 27 1988

IN TESTIMONY WHEREOF, I PETER G. MORROS State Engineer of Nevada, have hereunto set my hand and the seal of my office, this 18TH day of JANUARY, A.D. 19 85.

P. G. Morros
State Engineer

218 (Rev.)

Application No. 48241 Certificate Record No. 11989 Book 41 Page 11989

THE STATE OF NEVADA
CERTIFICATE OF APPROPRIATION OF WATER

WHEREAS, Larry R. Miller, Permittee has presented to the State Engineer of the State of Nevada Proof of Application of Water to Beneficial Use, from A Reaper (Surface) through a collection apron, storage tank and stockwatering troughs for Stockwater purposes. The point of diversion of water from the source is as follows: NE¼ NE¼ Section 17, T.15N., R.31E., M.D.B.&M., or at a point from which the NW corner of Section 18, T.15N., R.31E., M.D.B.&M., bears N. 83° W., a distance of 9,504.0 feet situated in Churchill County, State of Nevada.

NOW KNOW YE, That the State Engineer, under the provisions of NRS 533.425, has determined the date, source, purpose, amount of appropriation, and the place where such water is appurtenant, as follows:

Name of appropriator Larry R. Miller

Post-office address Fallon, Nevada

Amount of appropriation 0.001 c.f.s., or sufficient to water 60 head of cattle

Period of use, from January 1st to December 31st of each year

Date of priority of appropriation July 27, 1984

Description of works of diversion, manner and place of use:

Water is diverted from a reaper consisting of a 133' x 115.5' plastic lined field, thence the water is conveyed to an 8,000 gallon storage tank where 60 head of cattle water within the NE¼ NE¼ of Section 17, T.15N., R.31E., M.D.B.&M.

This certificate is issued subject to the terms of the permit.

The right to water hereby determined is limited to the amount which can be beneficially used, not to exceed the amount above specified, and the use is restricted to the place and for the purpose as set forth herein.

IN TESTIMONY WHEREOF, I PETER G. MORROS, State Engineer of Nevada, have hereunto set my hand and the seal of my office, this 27th day of JANUARY, A.D. 19 88

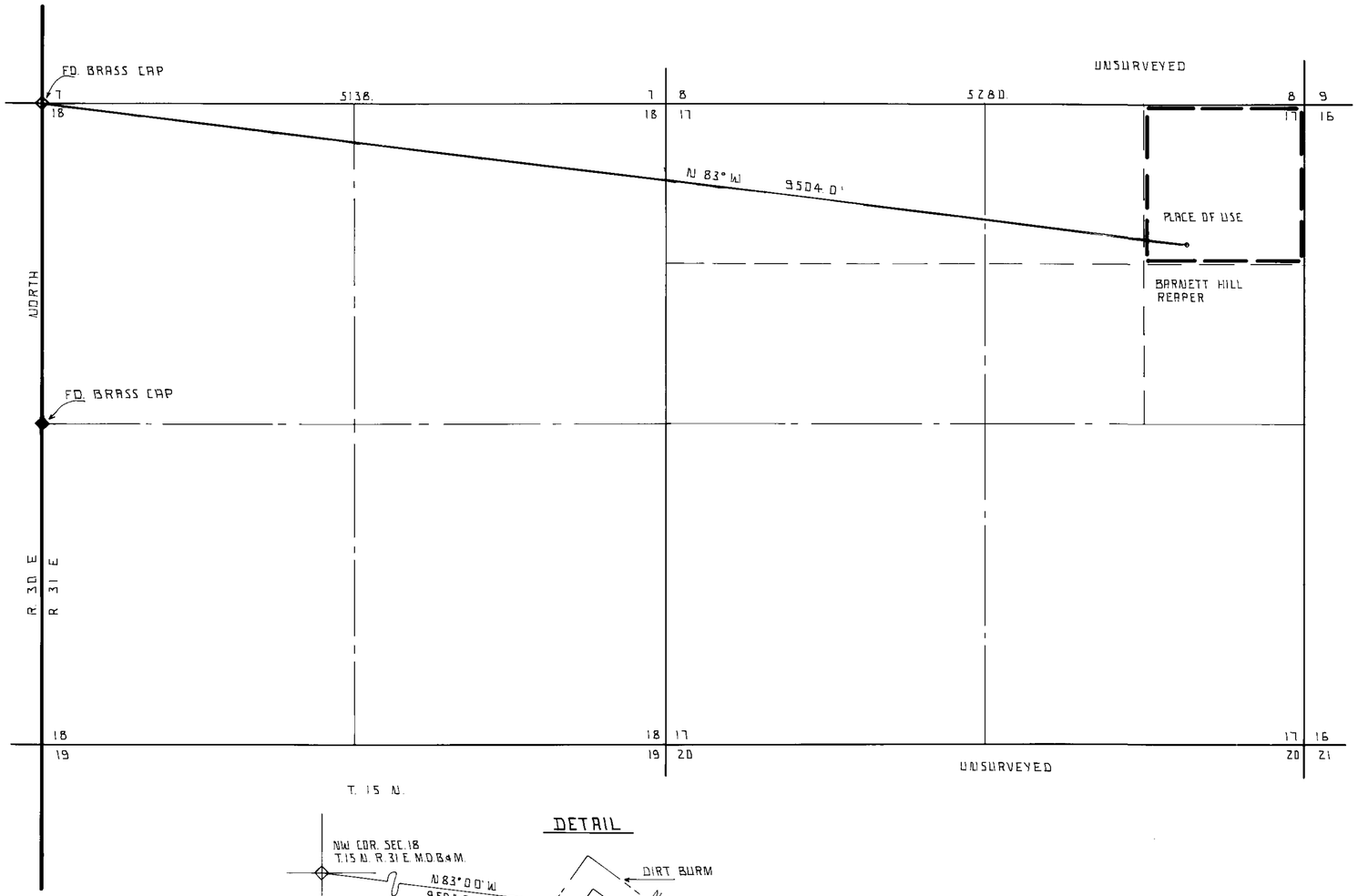
Peter G. Morros
State Engineer

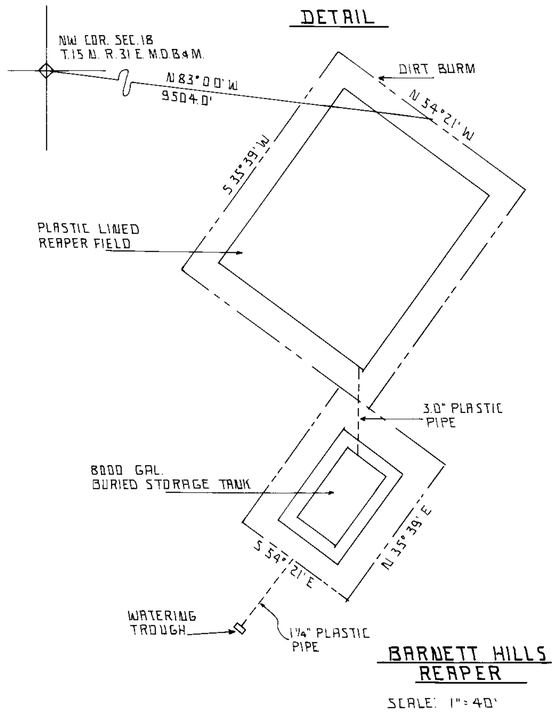
Compared bc/bk

Recorded ____ Bk ____ Page ____

____ County Records

1923





BARNETT HILLS REAPER

SCALE: 1" = 40'

STATE OF NEVADA }
COUNTY OF CHURCHILL } SS

I, DONALD E LEWIS, BEING FIRST DULY SWORN, DEPOSE AND SAY THAT THIS MAP CONSISTING OF ONE SHEET NUMBERED FROM 1 TO 1, INCLUSIVE HAS BEEN CORRECTLY DRAWN TO THE DESIGNATED SCALE FROM FIELD NOTES OF A SURVEY MADE BY ME, (OR UNDER MY SUPERVISION AND DIRECTION) BETWEEN THE 10TH DAY OF JUNE AND THE 10TH DAY OF JUNE 1984, THAT IT TRULY AND CORRECTLY REPRESENTS THE PROPOSED LOCATION AND EXTENT OF THE WORKS USED TO DIVERT WATER FROM A SURFACE SOURCE IN CHURCHILL COUNTY BY LARRY R. MILLER FOR STOCKWATERING PURPOSES. THAT THE PROPOSED POINT OF DIVERSION THE APPROXIMATE LOCATION AND SIZE OF THE DIVERTING CHANNEL OR OTHER CONDUIT THE PLACE AND MANNER OF USE AND THE LOCATION AND NAMES OF ALL OTHER WORKS OR STREAMS WHICH ARE CROSSED BY OR CONNECTED WITH THE SAID WORKS ARE FULLY AND CORRECTLY DESIGNATED THEREON.

Donald E. Lewis
STATE WATER RIGHT SURVEYOR

SUBSCRIBED AND SWORN TO BEFORE ME THIS 13th DAY OF JULY 1984. NOTARY PUBLIC IN AND FOR CHURCHILL COUNTY NEVADA.

Dolores L. Stennett
NOTARY PUBLIC

DOLORES L. STENNETT
Notary Public State of Nevada
Appointment Recorded in Lyon County
Appointment Expires Feb. 1986

BASIS OF BEARING: EAST LINE OF SEC. 13 T. 15 N. R. 30 E. M.D.B.&M. PER USDI B.L.M. PLAT.

CERT. 11989 1/27/88





'84 JUL 27 P12:16

STATE ENGINEERS OFFICE

FILED

MAP TO ACCOMPANY APPLICATION TO APPROPRIATE WATER FOR STOCKWATERING PURPOSES BY LARRY R. MILLER FROM A SURFACE SOURCE.

SURVEYOR: DONALD E. LEWIS
3900 SCHINDLER ROAD
FALLON NEVADA 89406

SHEET 1 OF 1

48241

State of Nevada
Division of Water Resources

Site Search

Permit Information

New Search

App/Permit: 48241
Status: CERTIFICATE
Certificate: 11989

General | Maps & Due Dates | Place of Use | Abrogations/Protests/Rulings | Ownership and Title

Current Ownership Information

(NOTE: Owner names shown here are standardized for retreival purposes only. Verify legal names before submitting any new documentation.)

Owner	Type	Div Rate	Duty	Acres	Change By	APN	County	Description
DAVID F. STIX	C	0.001	0	0			CHURCHILL	SUFFICIENT TO WATER 60 CATTLE

Confirmed By: PLO
Effective Date: 5/14/2010

Original Owners

Owner
MARVEL, JOSEPH C.
MARVEL, PATRICE B.
MILLER, LARRY R.

Remarks

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

PERMIT 48242/CERTIFICATE 14140

BASIN: Carson Desert (101) **COUNTY:** Churchill

LATITUDE: 39.184932 **LONGITUDE:** -118.570154

OWNERSHIP:	David F. Stix
PRIORITY DATE:	May 11, 1983
SOURCE DESCRIPTION:	Spring
POINT OF DIVERSION:	NE¼NE¼ Section 12, T.15N., R.30E., M.D.M.
MANNER OF USE:	Stockwatering
USE UNITS:	60 Cattle
PLACE OF USE:	NE¼NE¼ Section 12, T.15N., R.30E., M.D.M.
DIVERSION RATE:	0.002 CFS
ALLOWED DUTY:	1.35 AFA
PERIOD OF USE:	01/01 – 12/31
STATUS:	Certificated
DUE DATES:	None

REMARKS:

POD PARCEL:	Churchill County APN 002-231-01
POD PARCEL OWNER:	Bureau of Land Management
POU PARCEL:	Churchill County APN 002-231-01
POU PARCEL OWNER:	Bureau of Land Management

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

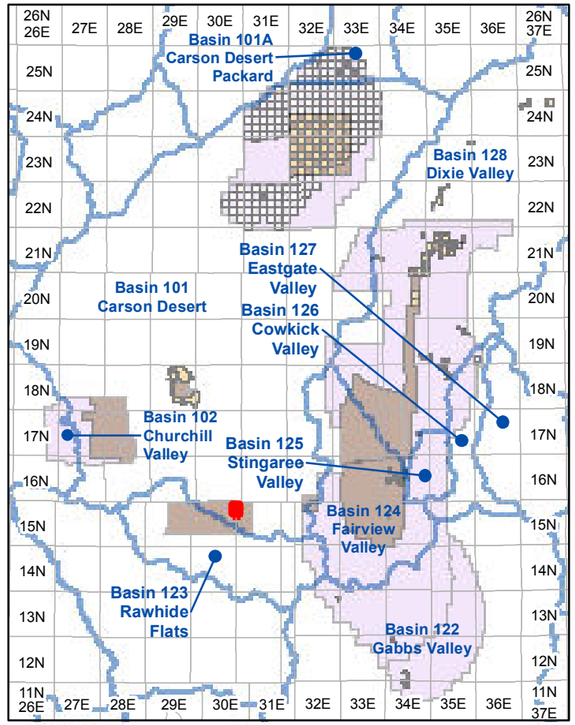
Permit 48242/Certificate 14140

The current owner of Permit 48242/Certificate 14140 is David F. Stix. The permit was approved by the State Engineer on January 18, 1985 and was issued Certificate 14140 on July 6, 1995. It has a priority date of July 27, 1984 and a total duty of 1.35 acre-feet annually with an allowed diversion rate of 0.002 CFS permitted for stock watering purposes sufficient to water 60 cattle. The allowed period of use is January 1 through December 31.

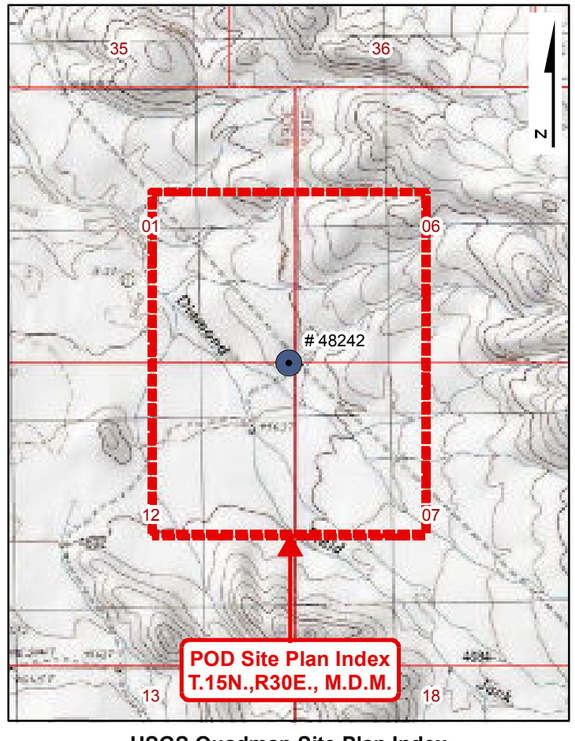
The point of diversion is located within the NE¼NE¼ of Section 12, Township 15N, Range 30E, MDM. The permitted place of use is in the Carson Desert Basin within Churchill County APN 002-211-01 under the ownership of the Bureau of Land Management and is more specifically listed in the table below.

QQ	Q	Section	Township	Range	Acres
NE	NE	12	15N	30E	

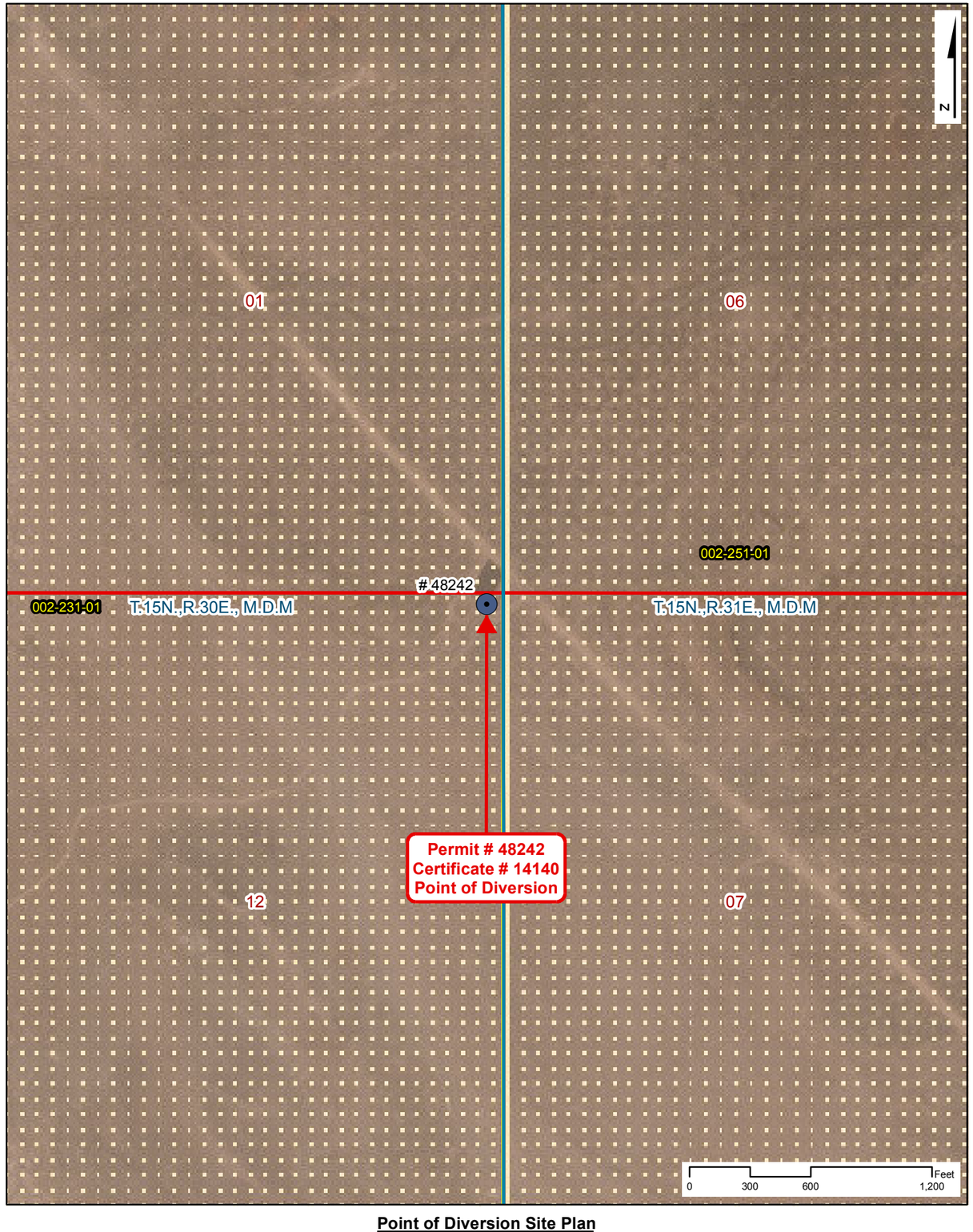
Permit 48242/Certificate 14140 is currently in good standing with the NDWR with no further action required.



Township and Range Index
Scale: 1" = 20 Miles



USGS Quadmap Site Plan Index
Scale: 1" = 1/2 Mile



Point of Diversion Site Plan
Scale: 1" = 600'

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH INVENTORY SERVICES

PERMIT: 48242 **CERTIFICATE: 14140**

BASIN: Carson Desert (101) **COUNTY: Churchill**
LATITUDE: 39.184932 **LONGITUDE: -118.570154**
POINT OF DIVERSION: NE1/4,NE1/4, Section 12, T.15N.,R30E., M.D.M.
PLACE OF USE (DWR Polygon ID): N/A
PERMIT LAND CATEGORY: Existing Lands Privately Held

OWNERSHIP
Stix, David F.

PRIORITY DATE: 7/27/1984
PERMIT DATE: 1/18/1985
CERTIFICATE DATE: 7/6/1995
DUE DATE: None

USE UNITS
60 Cattle

SOURCE DESCRIPTION: Spring
MANNER OF USE: Stock-Watering
DIVERSION RATE: 0.002 CFS
ALLOWED DUTY: 1.350 AFA
PERIOD OF USE: 01/01-12/31

GIS PARCEL DATA
A.P.N. 002-231-01, CHURCHILL COUNTY
BUREAU OF LAND MANAGEMENT

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index
- Township Range Grid
- Hydrographic Basins

Existing Navy Lands
- Withdrawan
- Non Federal
- Navy Owned

Proposed Navy Lands
- Proposed Withdrawal Expansion
- Non Federal

Point of Diversion Manner of Use
- As Decreed
- Commercial
- Domestic
- Environmental
- Industrial
- Irrigation
- Mining & Milling
- Municipal
- Other
- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

R|O Anderson

PERMIT: 48242
CERTIFICATE: 14140

Product of R.O. Anderson Engineering, Inc. -= Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_Permit_Certificate_Maps.mxd -= GIS Specilist: Eric Herron -= Publication Date: 10/5/2019 10:45:52 AM

ASSIGNED

AMENDED

Nº 48242

APPLICATION FOR PERMIT

TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

Date of filing in State Engineer's Office JUL 27 1984

Returned to applicant for correction SEP 13 1984

Corrected application filed SEP 21 1984

Map filed SEP 21 1984

The applicant Larry R. Miller

6355 Schurz Highway (Street and No. or P.O. Box No.), of Fallon (City or Town),

Nevada 89406 (State and Zip Code No.), hereby make S application for permission to appropriate the public waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.)

---

1. The source of the proposed appropriation is Reaper (Surface Source)
   Name of stream, lake, spring, underground or other source

2. The amount of water applied for is 0.002 second-feet
   One second-foot equals 448.83 gals. per min.

   (a) If stored in reservoir give number of acre-feet

3. The water to be used for Stockwater
   Irrigation, power, mining, manufacturing, domestic, or other use. Must limit to one use.

4. If use is for:

   (a) Irrigation, state number of acres to be irrigated.

   (b) Stockwater, state number and kinds of animals to be watered 60 cows

   (c) Other use (describe fully under "No. 12. Remarks"

   (d) Power:

      (1) Horsepower developed

      (2) Point of return of water to stream

5. The water is to be diverted from its source at the following point NE1/4 NE1/4 Section 12, T15N, R30E,
   Describe as being within a 40-acre subdivision of public survey, and by course and distance to a section corner. If on unsurveyed land, it should be so stated.
   M.D.B.&M. or at a point from which the NE corner of said Section 12 bears N 57° E a distance of 82.0 feet

6. Place of use NE1/4 NE1/4, Section 12, T15N R30E, M.D.B.&M.
   Describe by legal subdivision. If on unsurveyed land, it should be so stated.

7. Use will begin about Jan 1 (Month and Day) and end about Dec 31 (Month and Day), of each year.

8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) consists of a 175' x 175' graded field which drains into a buried 10000 gallon storage tank. The tank is connected to three water troughs with float valves
   State manner in which water is to be diverted, i.e. diversion structure, ditches and flumes, drilled well with pump and motor, etc.

9. Estimated cost of works. $5000.00

10. Estimated time required to construct works 2 Years
If well completed, describe works.

11. Estimated time required to complete the application of water to beneficial use 3 Years

12. Remarks: For use other than irrigation or stock watering, state number and type of units to be served or annual consumptive use.

The term "Reaper" is used by the USDI-BLM to describe a precipitation catchment devise. It consists of a bordered sloping field with a drain at the low point. A pipe is connected to the drain which delivers precipitation to an underground storage tank. The water flows from the tank to float valve equipped stock watering troughs through a pipe.

By s/Donald E. Lewis
3900 Schindler Rd
Fallon, NV. 89406

Compared bl/bc ll/bm

Protested

APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This permit is issued subject to all existing rights on the source. It is understood that the amount of water herein granted is only a temporary allowance and that the final water right obtained under this permit will be dependent upon the period of use and the average number of livestock served from the waters of this source. The State retains the right to regulate the use of the water herein granted at any and all times but does not take responsibility for the use of the Federal range.

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed 0.002 cubic feet per second, or sufficient to water 60 head of cattle.

Work must be prosecuted with reasonable diligence and be completed on or before January 18, 1986

Proof of completion of work shall be filed before February 18, 1986

Application of water to beneficial use shall be made on or before January 18, 1987

Proof of the application of water to beneficial use shall be filed on or before February 18 ,1987

Map in support of proof of beneficial use shall be filed on or before

Completion of work filed FEB 28 1986

Proof of beneficial use filed FEB 2 3 1987

Cultural map filed

Certificate No. 14140 Issued JUL 06 1995

IN TESTIMONY WHEREOF, I PETER G. MORROS State Engineer of Nevada, have hereunto set my hand and the seal of my office, this 18TH day of JANUARY, A.D. 19 85

State Engineer

218 (Rev.)

Permit No. **48242** Certificate No. **14140** Book 51 Page **14140**

THE STATE OF NEVADA

CERTIFICATE OF APPROPRIATION OF WATER

~ ~ ~ ~ ~

WHEREAS, Larry R. Miller, Permittee has presented to the State Engineer of the State of Nevada Proof of Application of Water to Beneficial Use, from Reaper (surface) through graded field, drain and stockwatering troughs for stockwater purposes. The point of diversion of water from the source is as follows:

NE¼ NE¼ Section 12, T.15N., R.30E., M.D.B.&M., or at a point from which the NE corner of said Section 12 bears N. 57° E., a distance of 82.0 feet situated in Churchill County, State of Nevada.

NOW KNOW YE, That the State Engineer, under the provisions of NRS 533.425, has determined the date, source, purpose, amount of appropriation, and the place where such water is appurtenant, as follows:

Name of appropriator:	**Larry R. Miller**
Source:	**Reaper (surface)**
Manner of Use:	**Stockwater**
Amount of appropriation:	**0.002 c.f.s., or sufficient to water 60 head of cattle**
Period of use:	**January 1st to December 31st of each year**
Date of priority of appropriation:	**July 27, 1984**

Description of the works of diversion, manner and place of use:

Rain water is collected from a graded field 175' X 175', thence the water flows through a drain to an underground 10,000 gallon storage tank to 3 stockwater troughs via a float valve system where 60 head of cattle water within the NE¼ NE¼ Section 12, T.15N., R.30E., M.D.B.&M.

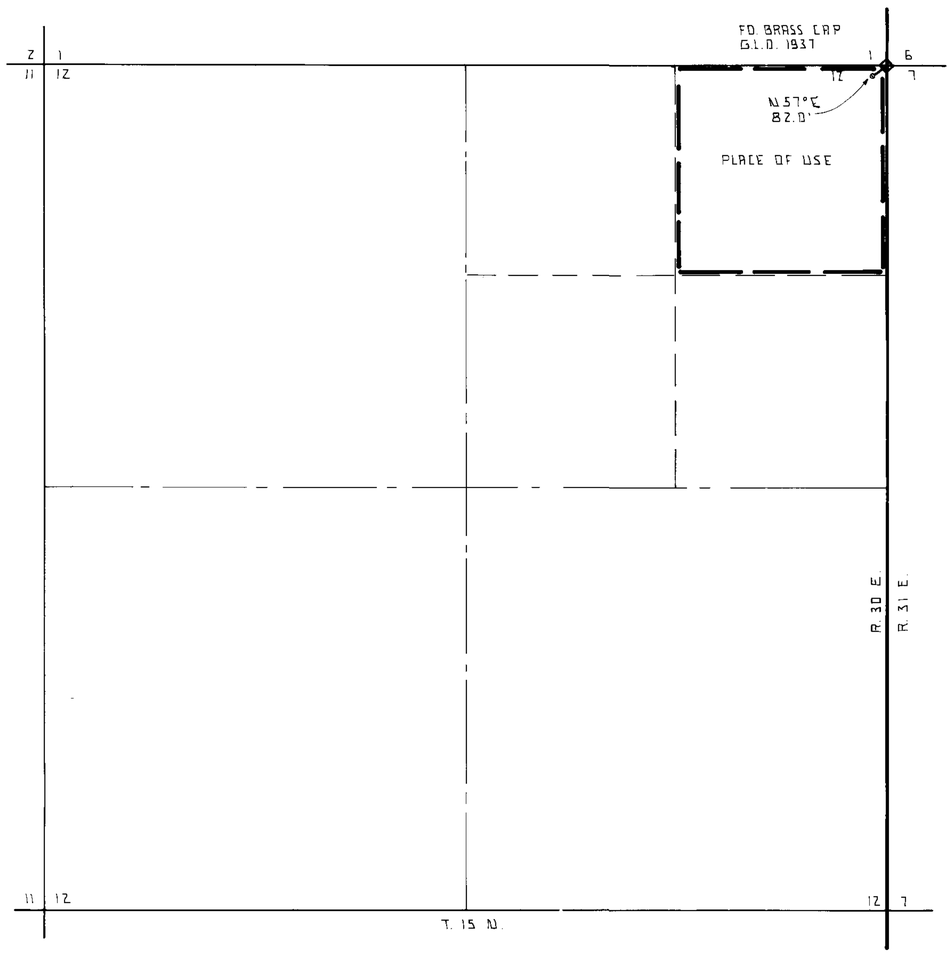
This certificate is issued subject to the terms of the permit.

The right to water hereby determined is limited to the amount which can be beneficially used, not to exceed the amount above specified, and the use is restricted to the place and for the purpose as set forth herein.

IN TESTIMONY WHEREOF, I R. MICHAEL TURNIPSEED, State Engineer of Nevada, have hereunto set my hand and the seal of my office, this 6th day of JULY, A.D. 19 95.

State Engineer

bk/sb



STATE OF NEVADA }
COUNTY OF CHURCHILL } SS

I, DONALD E. LEWIS, BEING FIRST DULY SWORN, DEPOSE AND SAY THAT THIS MAP CONSISTING OF ONE SHEET, NUMBERED FROM 1 TO 1, INCLUSIVE, HAS BEEN CORRECTLY DRAWN TO THE DESIGNATED SCALE FROM FIELD NOTES OF A SURVEY MADE BY ME.(OR UNDER MY SUPERVISION AND DIRECTION) BETWEEN THE 10TH DAY OF JUNE, AND THE 10TH DAY OF JUNE, 1984; THAT IT TRULY AND CORRECTLY REPRESENTS THE PROPOSED LOCATION AND EXTENT OF THE WORKS USED TO DIVERT WATER FROM A SURFACE SOURCE IN CHURCHILL COUNTY, BY LARRY R. MILLER FOR STOCKWATERING PURPOSES. THAT THE PROPOSED POINT OF DIVERSION, THE APPROXIMATE LOCATION AND SIZE OF THE DIVERTING CHANNEL OR OTHER CONDUIT, THE PLACE AND MANNER OF USE AND THE LOCATION AND NAMES OF ALL OTHER WORKS OR STREAMS WHICH ARE CROSSED BY, OR CONNECTED WITH THE SAID WORKS, ARE FULLY AND CORRECTLY DESIGNATED THEREON.

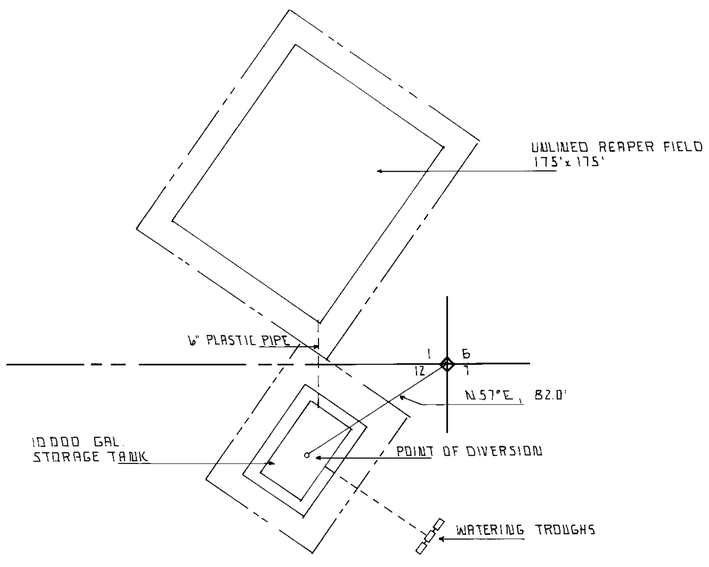
Donald E. Lewis
STATE WATER RIGHT SURVEYOR

SUBSCRIBED AND SWORN TO BEFORE ME THIS 13th DAY OF July 1984. NOTARY PUBLIC IN AND FOR CHURCHILL COUNTY NEVADA.

Dolores L. Stennett
NOTARY PUBLIC

BASIS OF BEARING: MAGNETIC DECLINATION 17° 30'

DETAIL REAPER



NOT DRAWN TO SCALE



CERTIFICATE NO. 14140 ISSUED 7-6-95

500 400 300 200 100 0 500 1000 1500 2000

'84 JUL 27 P12:17

STATE ENGINEER'S OFFICE

RECEIVED
1984

MAP TO ACCOMPANY APPLICATION TO APPROPRIATE WATER FOR STOCKWATERING PURPOSES BY LARRY R. MILLER FROM A SURFACE SOURCE.

SURVEYOR: DONALD E. LEWIS
3900 SCHINDLER ROAD
FALLON NEVADA 89406

SHEET 1 OF 1

48242

State of Nevada
Division of Water Resources

Site Search

Permit Information

New Search

App/Permit: 48242
Status: CERTIFICATE
Certificate: 14140

General | Maps & Due Dates | Place of Use | Abrogations/Protests/Rulings | Ownership and Title

Current Ownership Information

(NOTE: Owner names shown here are standardized for retreival purposes only. Verify legal names before submitting any new documentation.)

Owner	Type	Div Rate	Duty	Acres	Change By	APN	County	Description
DAVID F. STIX	C	0.002	0	0			CHURCHILL	SUFFICIENT TO WATER 60 CATTLE

Confirmed By: PLO
Effective Date: 5/14/2010

Original Owners

Owner
MARVEL, JOSEPH C.
MARVEL, PATRICE B.
MILLER, LARRY R.

Remarks

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

Application 49200

BASIN: Dixie Valley (128) **COUNTY:** Churchill

LATITUDE: 39.401723 **LONGITUDE:** -118.165376

OWNERSHIP:	Churchill County
PRIORITY DATE:	7/16/1985
SOURCE DESCRIPTION:	UG
POINT OF DIVERSION:	NW¼NW¼ Section 28, T.18N., R.34E., M.D.M.
MANNER OF USE:	QM
PLACE OF USE:	See attached table
DIVERSION RATE:	6.0 cfs
ALLOWED DUTY:	0.0 afa
PERIOD OF USE:	01/01-12/31
STATUS:	RFA
RFA DATE:	02/03/1986
REMARKS:	

POD PARCEL:	Churchill County APN 003-091-01
POD PARCEL OWNER:	Bureau of Land Management
POU PARCEL:	Churchill County APN Multiple
POU PARCEL OWNER:	Multiple

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

Application 49200

The current owner of Application 49200 is Churchill County. The application was submitted to the NDWR on July 16, 1985. The application requests an allowed diversion rate of 6.0 CFS be permitted for Quasi-Municipal purposes from January 1 to December 31.

The proposed point of diversion is located within the NW¼NW¼ Section 28, Township 18N, Range 34E, MDM. The proposed place of use is within Churchill County and is more specifically listed in following table.

Section(s)	Township	Range
1- 4, E½5, E½8, 9-16, E½17, E½20, 21-28, E½29, 30, 31, E½32, 33-36	20N	26E
All Sections	20N	27E
All Sections	20N	28E
All Sections	20N	29E
All Sections	20N	30E
All Sections	20N	31E
W½4, 5-8, W½9, W½ & S½16, 17-21, 29-30	20N	32E
All Sections	19N	26E
All Sections	19N	27E
All Sections	19N	28E
All Sections	19N	29E
All Sections	19N	30E
2-11, 14-22, 27-33	19N	31E
1-30, 32-36	18N	26E
All Sections	18N	27E
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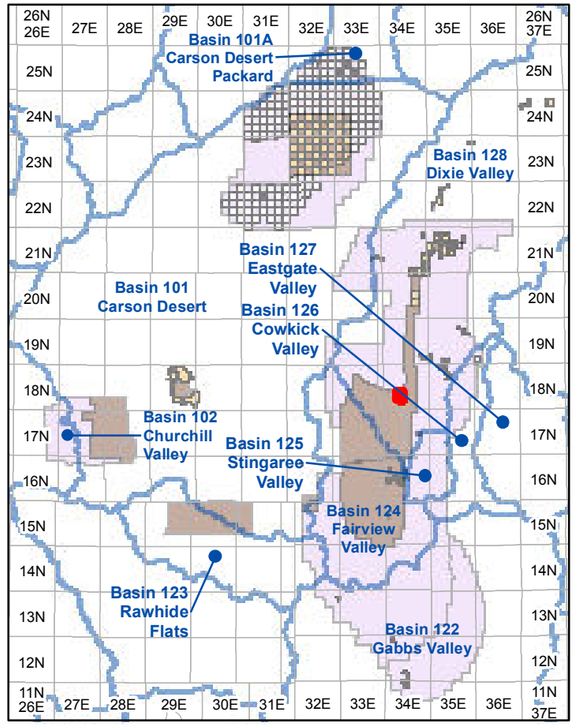
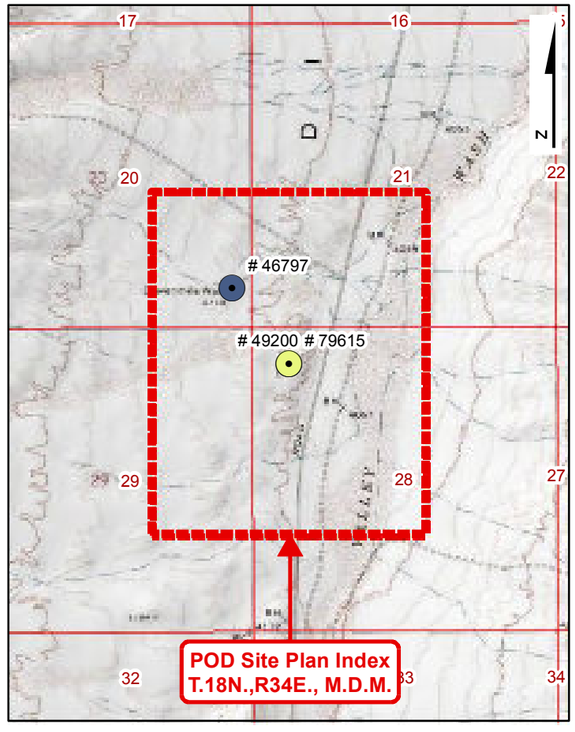
W½4, 5-8, W½9, W½16, 17-20, W½21, W½28, 29-32, W½33	18N	31E
1-3, 10-15, 21-28, 33-36	17N	28E
All Sections	17N	29E
All Sections	17N	30E
W½4, 5-8, W½9, W½16, 17-20, W½21, W½28, 29-32, W½33	17N	31E

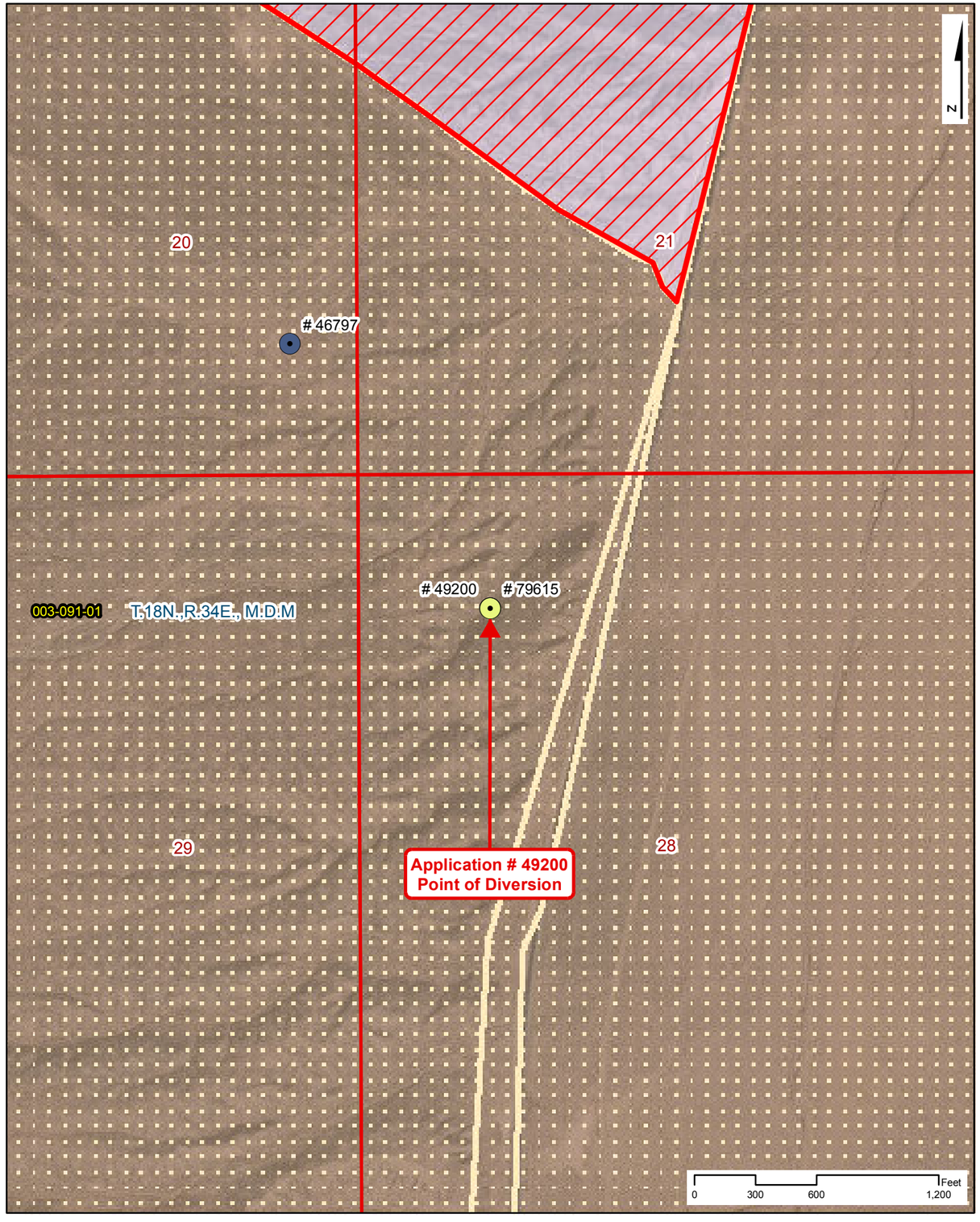
Application 49200 has gone through the noticing period and has been in RFA status with the NDWR since July 16, 1985.



Township and Range Index
Scale: 1" = 20 Miles



USGS Quadmap Site Plan Index
Scale: 1" = 1/2 Mile



Point of Diversion Site Plan
Scale: 1" = 600'

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH INVENTORY SERVICES

Application: 49200

BASIN: Dixie Valley (128) — **COUNTY: Churchill**
LATITUDE: 39.401723 — **LONGITUDE: -118.165376**
POINT OF DIVERSION: NW1/4,NW1/4, Section 28, T.18N.,R34E., M.D.M.
PLACE OF USE (DWR Polygon ID): 6722
PERMIT LAND CATEGORY: Existing Lands Privately Held

OWNERSHIP
Churchill County

FILING DATE: 7/16/1985
RFA DATE: 2/3/1986
STATUS: Ready for Action

USE UNITS

SOURCE DESCRIPTION: Underground
MANNER OF USE: Quasi-Municipal
DIVERSION RATE: 6 CFS
ALLOWED DUTY: 0.000 AFA
PERIOD OF USE: 01/01-12/31

GIS PARCEL DATA
A.P.N. 003-091-01, CHURCHILL COUNTY
BUREAU OF LAND MANAGEMENT

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index
- Township Range Grid
- Hydrographic Basins

Existing Navy Lands
- Withdrawan
- Non Federal
- Navy Owned

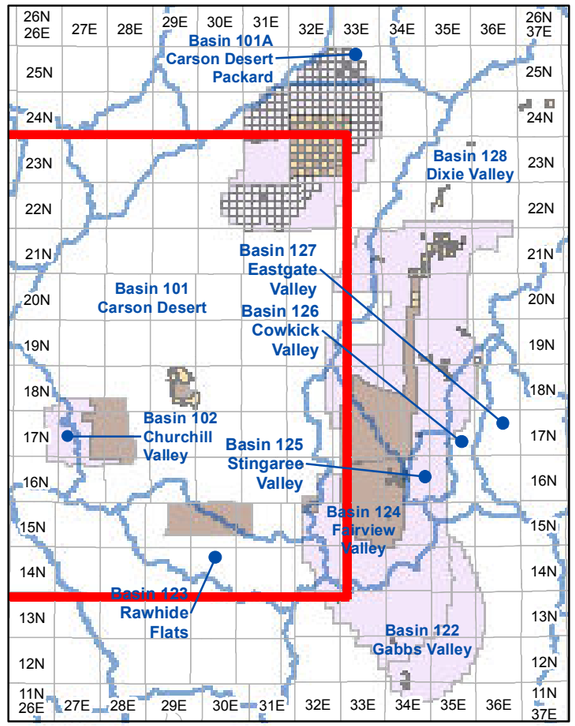
Proposed Navy Lands
- Proposed Withdrawal Expansion
- Non Federal

Point of Diversion Manner of Use
- As Decreed
- Commercial
- Domestic
- Environmental
- Industrial
- Irrigation
- Mining & Milling
- Municipal
- Other
- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

R O Anderson

Application: 49200

Product of R.O. Anderson Engineering, Inc. -= Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_Application_Maps.mxd -= GIS Specilist: Eric Herron -= Publication Date: 10/5/2019 10:48:14 AM



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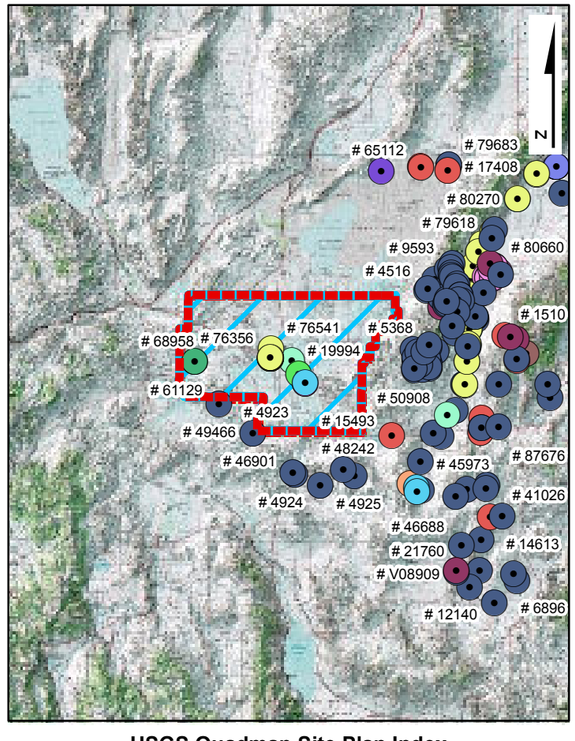

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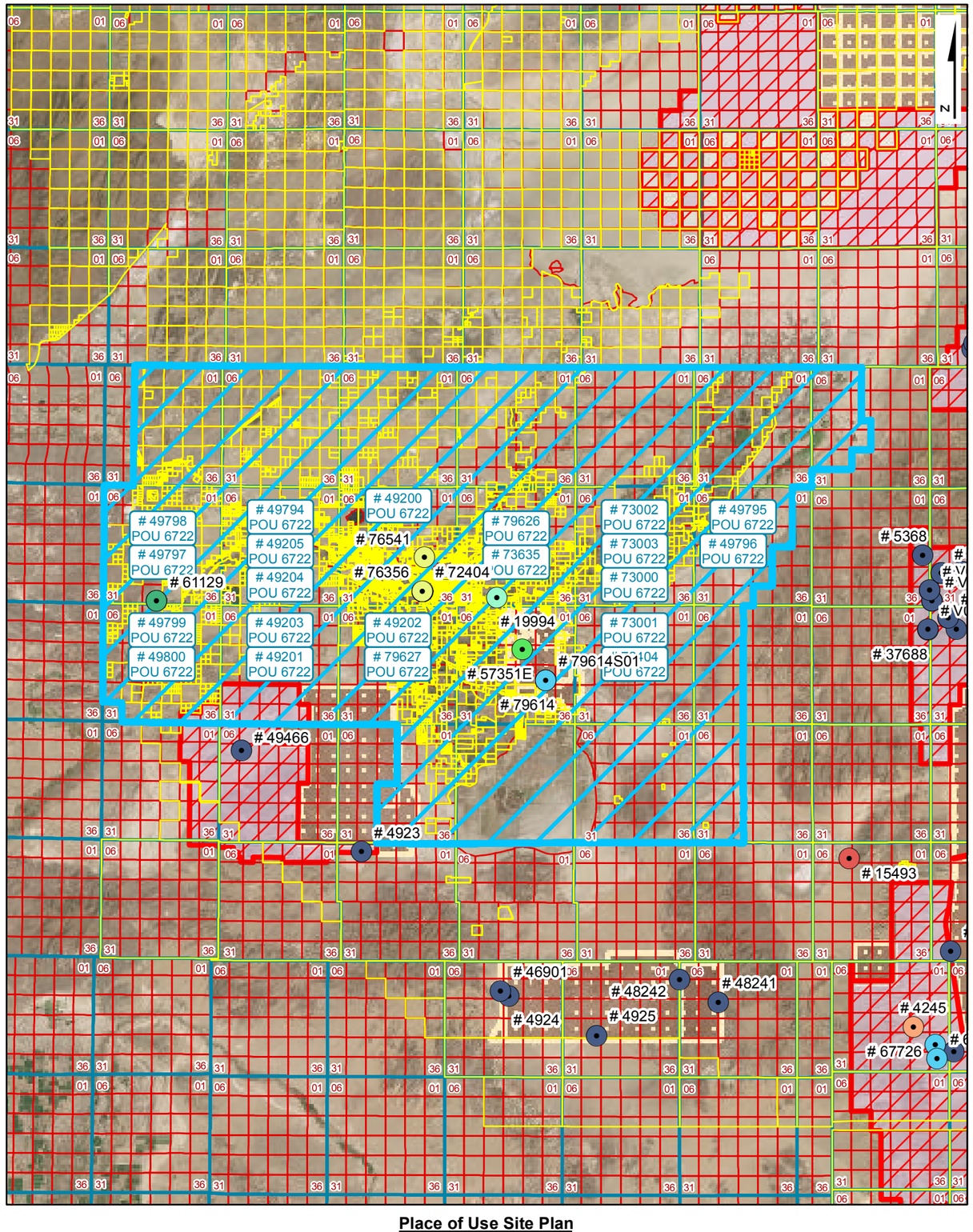

Place of Use Site Plan

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH INVENTORY SERVICES

DIVISION OF WATER RESOURCES PLACE OF USE GIS DATA

WATER RIGHT: 49200 **DWR POLYGON ID: 6722**

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R O Anderson

WATER RIGHT: 49200
DWR POLYGON ID: 6722

Product of R.O. Anderson Engineering, Inc. -= Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_POU_Maps.mxd =- GIS Specilist: Eric Herron =- Publication Date: 10/5/2019 12:02:21 PM

ASSIGNED

AMENDED

No. 49200

APPLICATION FOR PERMIT
TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

Date of filing in State Engineer's Office JUL 16 1985

Returned to applicant for correction JUL 29 1985

Corrected application filed NOV 27 1985

Map filed NOV 27 1985

The applicant Timothy J. Durbin

260 Russell Blvd. Suite B (Street and No. or P.O. Box No.), of Davis, Yolo County (City or Town),

California, 95616 (State and Zip Code No.), hereby make.... application for permission to appropriate the public waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.)

N/A

1. The source of the proposed appropriation is Underground water from Dixie Valley, (Name of stream, lake, spring, underground or other source) Churchill County, Nevada Ground-water Basin.

2. The amount of water applied for is 6.0 second-feet (One second-foot equals 448.83 gals. per min.)

   (a) If stored in reservoir give number of acre-feet N/A

3. The water to be used for Quasi-Municipal Purposes (Irrigation, power, mining, manufacturing, domestic, or other use. Must limit to one use.)

4. If use is for:

   (a) Irrigation, state number of acres to be irrigated

   (b) Stockwater, state number and kinds of animals to be watered

   (c) Other use (describe fully under "No. 12. Remarks" See "Remarks"

   (d) Power:

      (1) Horsepower developed

      (2) Point of return of water to stream

5. The water is to be diverted from its source at the following point NW¼ NW¼ Sec 28, T18N R34E, (Describe as being within a 40-acre subdivision of public survey, and by course and distance to a section corner. If on unsurveyed land, it should be so stated.) MDB&M or at a point from which the NW corner of said section 28 bears N44°58'30"W a distance of 933.38 feet.

6. Place of use see attached sheet (Describe by legal subdivision. If on unsurveyed land, it should be so stated.)

7. Use will begin about January 1 (Month and Day) and end about December 31 (Month and Day), of each year.

8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) Drilled well, transmission lines, (State manner in which water is to be diverted, i.e. diversion structure, ditches and flumes, drilled well with pump and motor, etc.) pumps, tanks, and treatment facilities.

9. Estimated cost of works $1,900,000

49200

10. Estimated time required to construct works Five years
If well completed, describe works.

11. Estimated time required to complete the application of water to beneficial use Five years

12. Remarks: For use other than irrigation or stock watering, state number and type of units to be served or annual consumptive use.

The appropriated water will be used in conjunction with other water pursuant to seven other applications filed concurrently herewith for quasi-municipal purposes in the urban areas to provide water service to approximately 10,000 persons per application, for a total of 80,000 current/new residents.

By s/ Michael C. Widmer
Michael C. Widmer, agent
P.O. Box 9066
Reno, Nevada 89507

Compared jm/ dn

Protested

.....OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed .....cubic feet per second.....

Work must be prosecuted with reasonable diligence and be completed on or before.....

Proof of completion of work shall be filed on or before.....

Application of water to beneficial use shall be made on or before.....

Proof of the application of water to beneficial use shall be filed on or before.....

Map in support of proof of beneficial use shall be filed on or before.....

Completion of work filed.....

Proof of beneficial use filed.....

Cultural map filed.....

Certificate No.....Issued.....

IN TESTIMONY WHEREOF, I.....
State Engineer of Nevada, have hereunto set my hand and the seal of my office, this.....day of.....,
A.D. 19.....

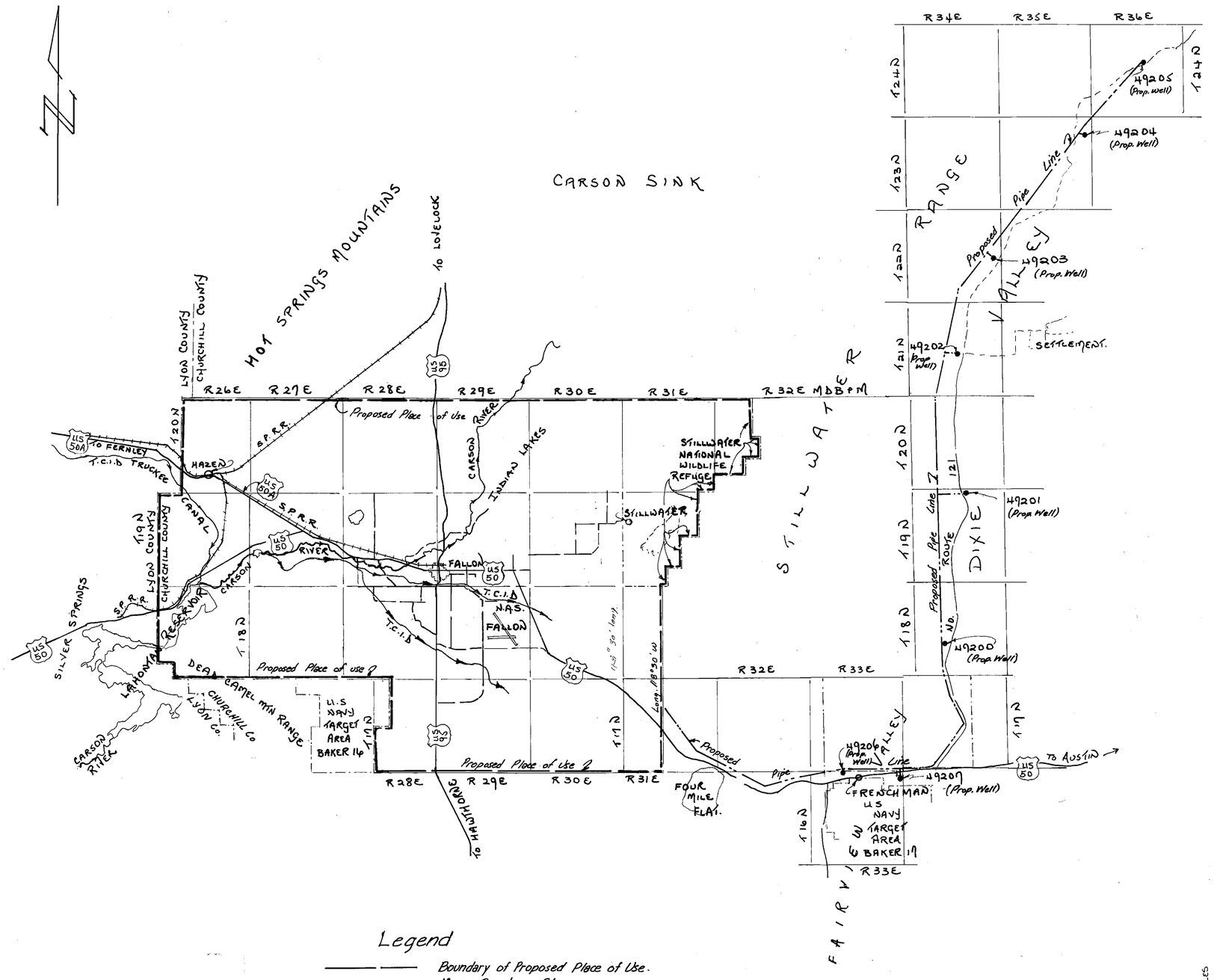
.....
State Engineer

218 (Rev.)

To accompany application 49200

6. Place of use

T20N R26E sections 1-4, east ½ 5, east ½ 8, 9-16, east ½ 17, east ½ 20, 21-28, east ½ 29, east ½ 32, 33-36, inclusive.
T20N R27E all sections, T20N R28E all sections, T20N R29E all sections, T20N R30E all sections, T20N R31E all sections.
T20N R32E sections west ½ 4, 5-8, west ½ 9, west ½ and south ½ 16, 17-21, 29 and 30.
T19N R26E all sections, T19N R27E all sections, T19N R28E all sections, T19N R29E all sections, T19N R30E all sections.
T19N R31E sections 2-11, 14-22 and 27-33.
T18N R26E sections 1-30, 32-36
T18N R27E all sections, T18N R28E all sections, T18N R29E all sections, T18N R30E all sections.
T18N R31E sections west ½ 4, 5-8, west ½ 9, west ½ 16, 17-20, west ½ 21, west ½ 28, 29-32, and west ½ 33.
T17N R31E sections west ½ 4, 5-8, west ½ 9, west ½ 16, 17-20, west ½ 21, west ½ 28, 29-32, and west ½ 33.
T17N R30E all sections, T17N R29E all sections.
T17N R28E sections 1-3, 10-15, 21-28, and 33-36.



Legend

- Boundary of Proposed Place of Use.
- Major Canal or Stream.
- Proposed Pipe Line

69323 CERTIFICATE NO. 76150 ISSUED 12-4-06

5 MILES 0 MILES 5 MILES 10 MILES 15 MILES

1"=4 mi.
SCALE 1: 250,000

RECEIVED
NOV 27 2006
STATE ENGINEER'S OFFICE

MAP
TO ACCOMPANY APPLICATION Nº 49200
TO APPROPRIATE WATER FOR QUASI-
MUNICIPAL PURPOSES
BY: TIMOTHY J. DURBIN
FROM: AN UNDERGROUND SOURCE
IN: CHURCHILL COUNTY, NEVADA.

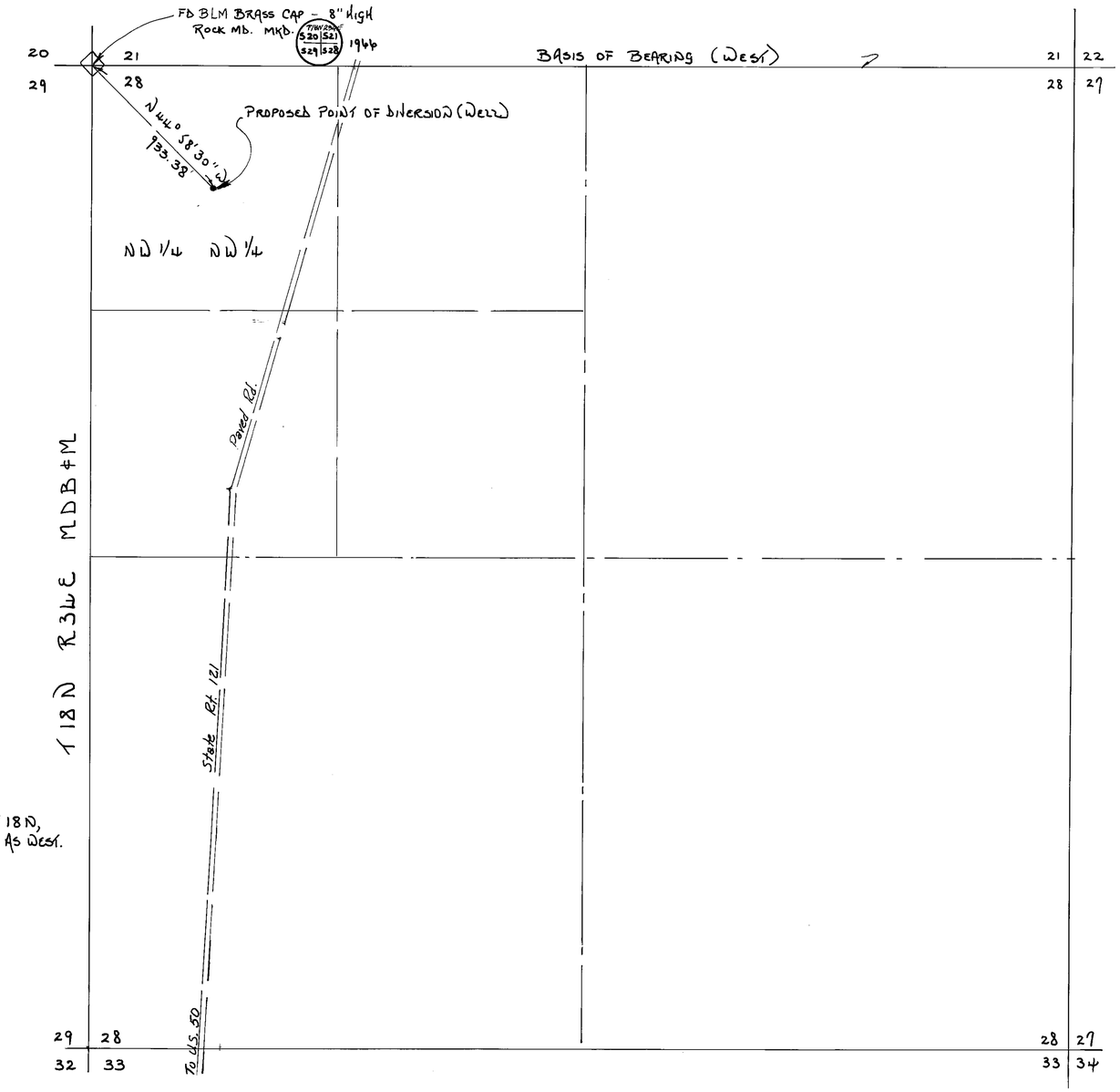
PREPARED BY:
LIAHONA ENGINEERING
P. O. BOX 1059
FERNLEY NV. 89408
1-702-575-2563

86358
86359T
83812
83225
81506
80516
77064
77063

DO NOT USE AS A POU MAP. OBSOLETE. WR
New map from Churchill County requested 10/9/2007 MET

76356
73635
73003
73002
73001
73000

72426 72404 71860 69323 68631T 49800 49799 49798 49797 49796 49795 49794 49207 49206 49205 49204 49203 49202 49201 49200



BASIS OF BEARING
GLO PLAT MAP (1969)
NORTH LINE SEC. 28, T 18 N,
R 34 E, MDB&M SHOWN AS WEST.

STATE OF NEVADA
COUNTY OF LYON ss

I, ROBERT D. MILLARD, BEING FIRST DULY SWORN, DEPOSE AND SAY THAT THIS MAP, CONSISTING OF 2 SHEETS NUMBERED FROM 1 TO 2 INCLUSIVE, HAVE BEEN CORRECTLY DRAWN TO THE DESIGNATED SCALE FROM FIELD NOTES OF A SURVEY MADE UNDER MY SUPERVISION AND DIRECTION BETWEEN THE 15TH DAY OF NOVEMBER AND THE 23RD DAY OF NOVEMBER, 1985; THAT IT TRULY AND CORRECTLY REPRESENTS THE PROPOSED LOCATION AND EXTENT OF THE WORKS USED TO DIVERT WATER FROM AN UNDERGROUND SOURCE IN CHURCHILL COUNTY, BY TIMOTHY J. DURBIN, FOR QUASI-MUNICIPAL PURPOSES. THAT THE PROPOSED POINT OF DIVERSION, THE APPROXIMATE LOCATION AND SIZE OF DIVERTING CHANNEL, ALL RESERVOIRS OR BASINS, THE LOCATION AND NAMES OF ALL OTHER WORKS WHICH WILL CROSS OR CONNECT WITH THE PROPOSED WORKS, AND THE BOUNDARY OF ALL LANDS, TO BE SERVED ARE FULLY AND CORRECTLY DESIGNATED THEREON.

Robert D. Millard
STATE WATER RIGHT SURVEYOR Nº 215.

SUBSCRIBED AND SWORN TO BEFORE ME
THIS 26th DAY OF November, 1985.

NOTARY PUBLIC IN AND FOR Lyon COUNTY, NEVADA.

ANALISA M. DAVIS
Notary Public - State of Nevada
Appointment Recorded in Lyon County
My Appointment Expires April 4, 1986

Analisa M. Davis

0 400 800 1200 1600
SCALE 1" = 400'

FILED
NOV 27 1985
STATE ENGINEER'S OFFICE

MAP
TO ACCOMPANY APPLICATION Nº 49200
TO APPROPRIATE WATER FOR QUASI-MUNICIPAL PURPOSES
BY: TIMOTHY J. DURBIN
FROM: AN UNDERGROUND SOURCE
IN: CHURCHILL COUNTY, NEVADA.

79615 49200

PREPARED BY:
LIAHONA ENGINEERING
P.O. BOX 1069, FERNLEY, NV.
1-702-575-2563

State of Nevada
Division of Water Resources

Site Search

Permit Information

New Search

App/Permit: 49200
Status: READY FOR ACTION
Certificate: None

General | Maps & Due Dates | Place of Use | Abrogations/Protests/Rulings | Ownership and Title

Current Ownership Information

(NOTE: Owner names shown here are standardized for retreival purposes only. Verify legal names before submitting any new documentation.)

Owner	Type	Div Rate	Duty	Acres	Change By	APN	County	Description
CHURCHILL COUNTY	C	0	0	0				

Confirmed By:
Effective Date:

Original Owners

Owner
DURBIN, TIMOTHY J.

Remarks

SEE FILE FOR REMAINDER OF P.O.U

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

Application 49201

BASIN: Dixie Valley (128) **COUNTY:** Churchill

LATITUDE: 39.546653 **LONGITUDE:** -118.14836

OWNERSHIP:	Churchill County
PRIORITY DATE:	7/16/1985
SOURCE DESCRIPTION:	UG
POINT OF DIVERSION:	NW¼NW¼ Section 3, T.19N., R.34E., M.D.M.
MANNER OF USE:	QM
PLACE OF USE:	See attached table
DIVERSION RATE:	6.0 cfs
ALLOWED DUTY:	0.0 afa
PERIOD OF USE:	01/01-12/31
STATUS:	RFA
RFA DATE:	02/03/1986
REMARKS:	

POD PARCEL:	Churchill County APN 003-251-02
POD PARCEL OWNER:	Bureau of Land Management
POU PARCEL:	Churchill County APN Multiple
POU PARCEL OWNER:	Multiple

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

Application 49201

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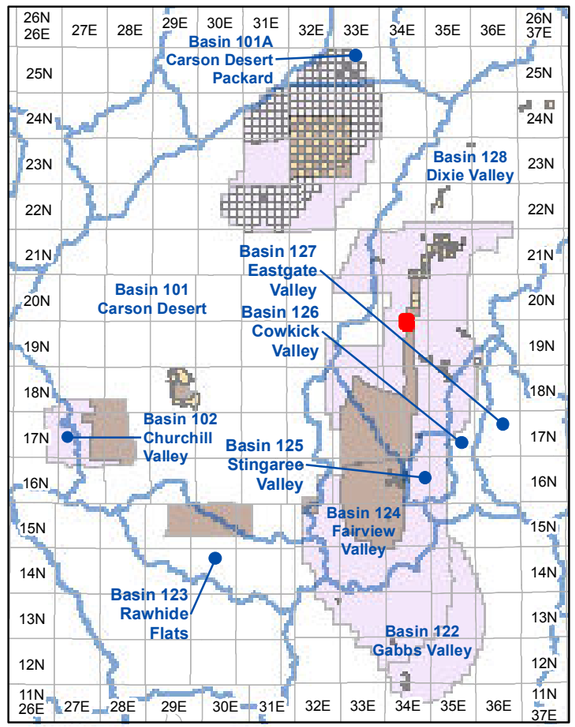

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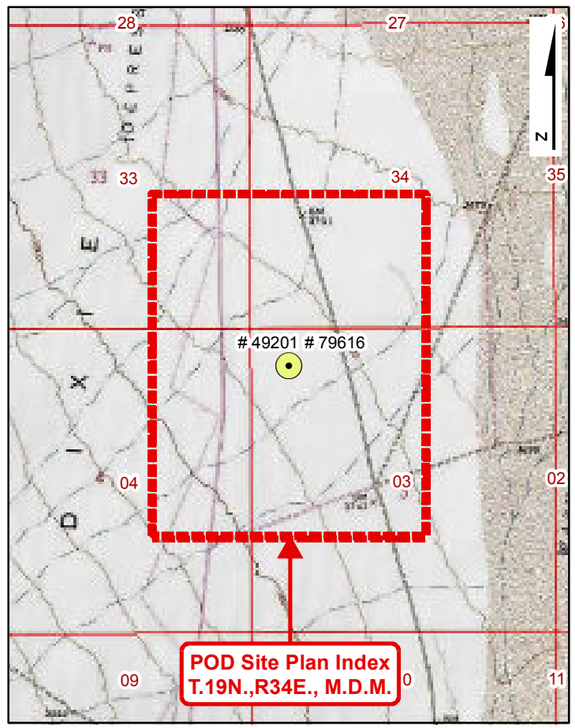

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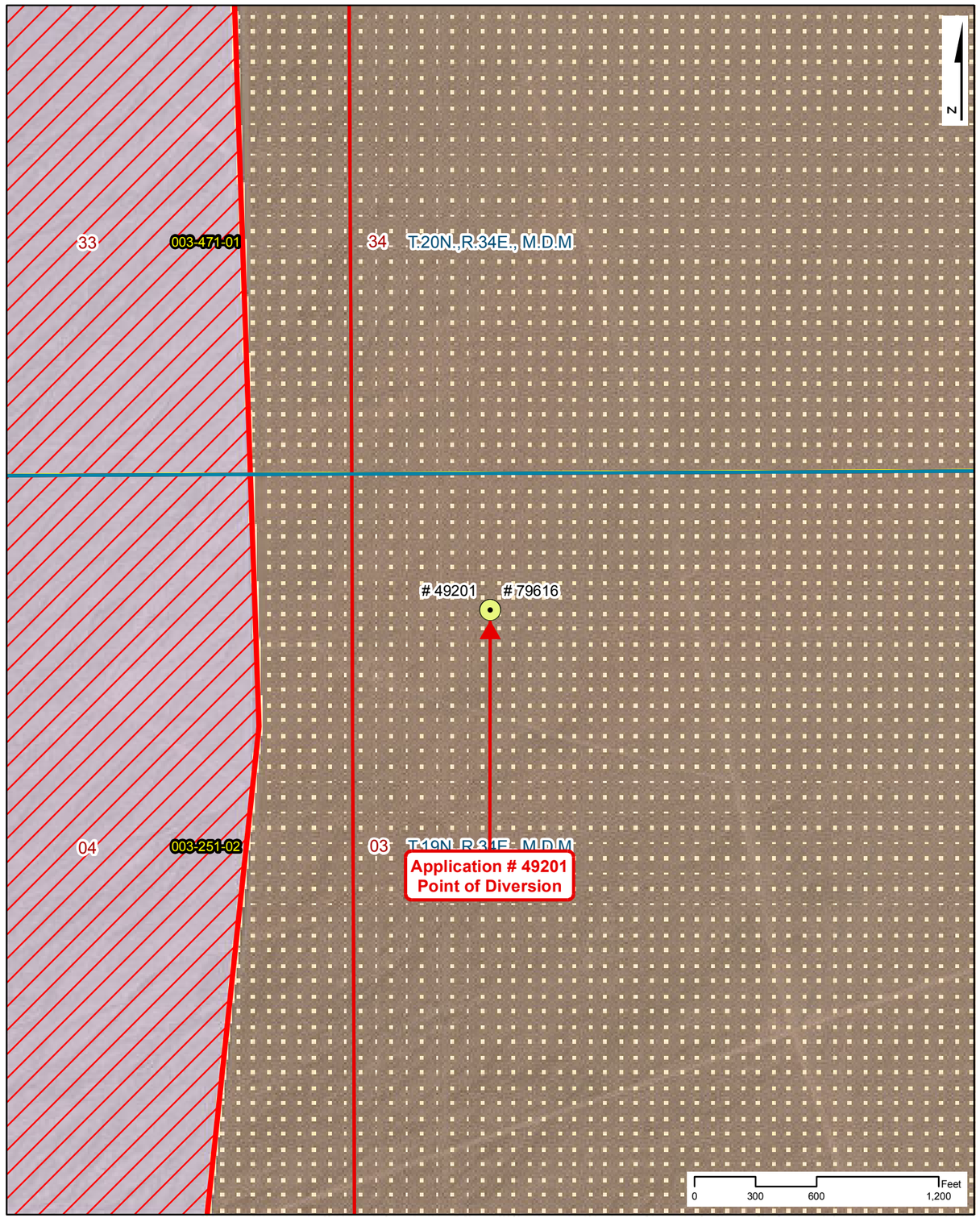

Point of Diversion Site Plan
Scale: 1" = 600'

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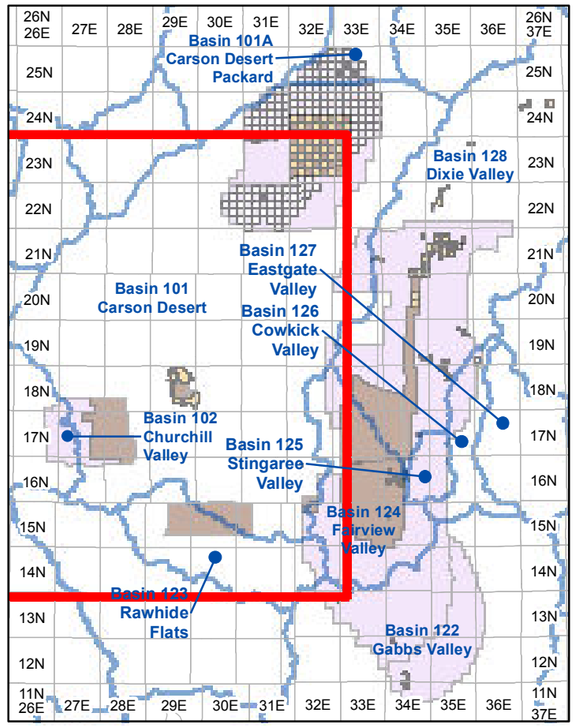

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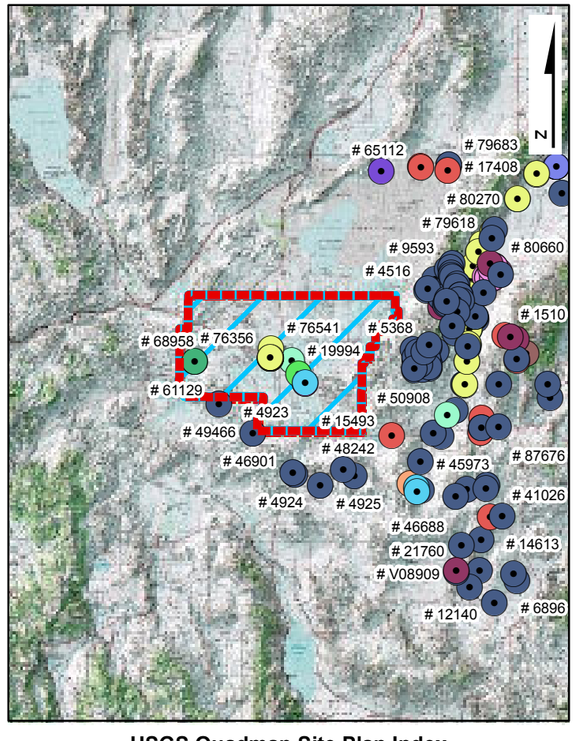

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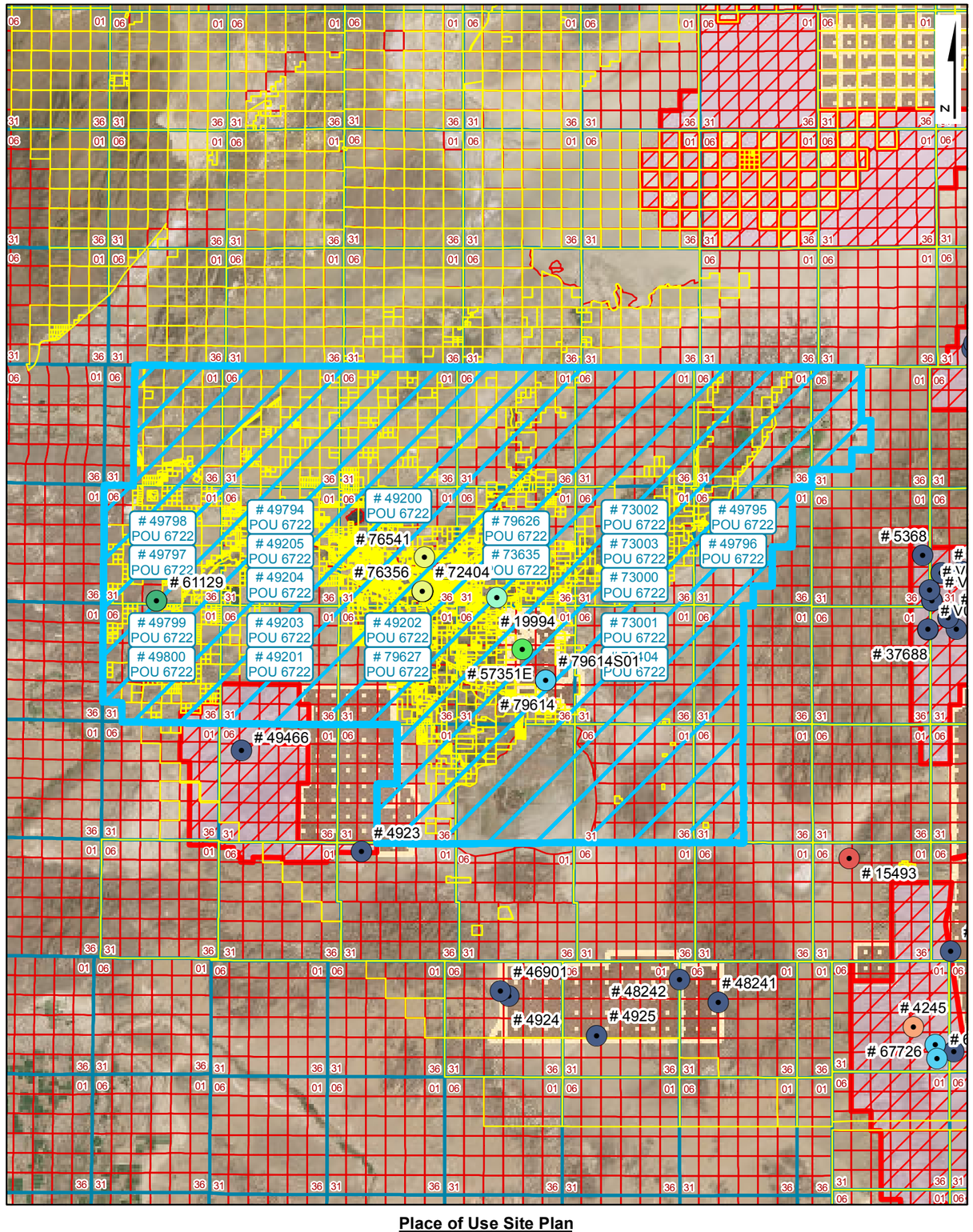

Place of Use Site Plan

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CONTRACT# N62473-17-D-4631
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WATER RIGHT: 49201 **DWR POLYGON ID: 6722**

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R|O Anderson

WATER RIGHT: 49201
DWR POLYGON ID: 6722

Product of R.O. Anderson Engineering, Inc. -= Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_POU_Maps.mxd =- GIS Specilist: Eric Herron =- Publication Date: 10/5/2019 12:02:28 PM

ASSIGNED 49201

APPLICATION FOR PERMIT
TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

Date of filing in State Engineer's Office JUL 16 1985

Returned to applicant for correction JUL 29 1985

Corrected application filed NOV 27 1985

Map filed NOV 27 1985 (POU under 49200)

The applicant Timothy J. Durbin

260 Russell Blvd. Suite B (Street and No. or P.O. Box No.), of Davis, Yolo County (City or Town),

California, 95616 (State and Zip Code No.), hereby make application for permission to appropriate the public waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.) N/A

---

1. The source of the proposed appropriation is Underground water from Dixie Valley, (Name of stream, lake, spring, underground or other source) Churchill County, Nevada Ground-water Basin.

2. The amount of water applied for is 6.0 second-feet (One second-foot equals 448.83 gals. per min.)

   (a) If stored in reservoir give number of acre-feet N/A

3. The water to be used for Quasi-Municipal Purposes (Irrigation, power, mining, manufacturing, domestic, or other use. Must limit to one use.)

4. If use is for:

   (a) Irrigation, state number of acres to be irrigated

   (b) Stockwater, state number and kinds of animals to be watered

   (c) Other use (describe fully under "No. 12. Remarks" See "Remarks"

   (d) Power:

      (1) Horsepower developed

      (2) Point of return of water to stream

5. The water is to be diverted from its source at the following point NW¼ NW¼ Section 3, T19N (Describe as being within a 40-acre subdivision of public survey, and by course and distance to a section corner. If on unsurveyed land, it should be so stated.) R34E. MDB&M or at a point from which the NW corner of said section 3 bears N44°59'00"W a distance of 935.36'

6. Place of use See attached sheet (Describe by legal subdivision. If on unsurveyed land, it should be so stated.)

7. Use will begin about January 1 (Month and Day) and end about December 31 (Month and Day), of each year.

8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) Drilled well, transmission lines, (State manner in which water is to be diverted, i.e. diversion structure, ditches and flumes, drilled well with pump and motor, etc.) pumps, tanks and treatment facilities.

9. Estimated cost of works $1,900,000

49201

10. Estimated time required to construct works Five years
If well completed, describe works.

11. Estimated time required to complete the application of water to beneficial use Five years

12. Remarks: For use other than irrigation or stock watering, state number and type of units to be served or annual consumptive use.

The appropriated water will be used in conjunction with other water pursuant to seven other applications filed concurrently herewith for quasi-municipal purposes in the urban areas to provide water service to approximately 10,000 persons per application, for a total of 80,000 current/new residents.

By s/ Michael C. Widmer
Michael C. Widmer, agent
P.O. Box 9066
Reno, Nevada 89507

Compared jm/ dn

Protested

OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed cubic feet per second

Work must be prosecuted with reasonable diligence and be completed on or before

Proof of completion of work shall be filed before

Application of water to beneficial use shall be made on or before

Proof of the application of water to beneficial use shall be filed on or before

Map in support of proof of beneficial use shall be filed on or before

Completion of work filed

Proof of beneficial use filed

Cultural map filed

Certificate No. Issued

IN TESTIMONY WHEREOF, I State Engineer of Nevada, have hereunto set my hand and the seal of my office, this day of, A.D. 19.

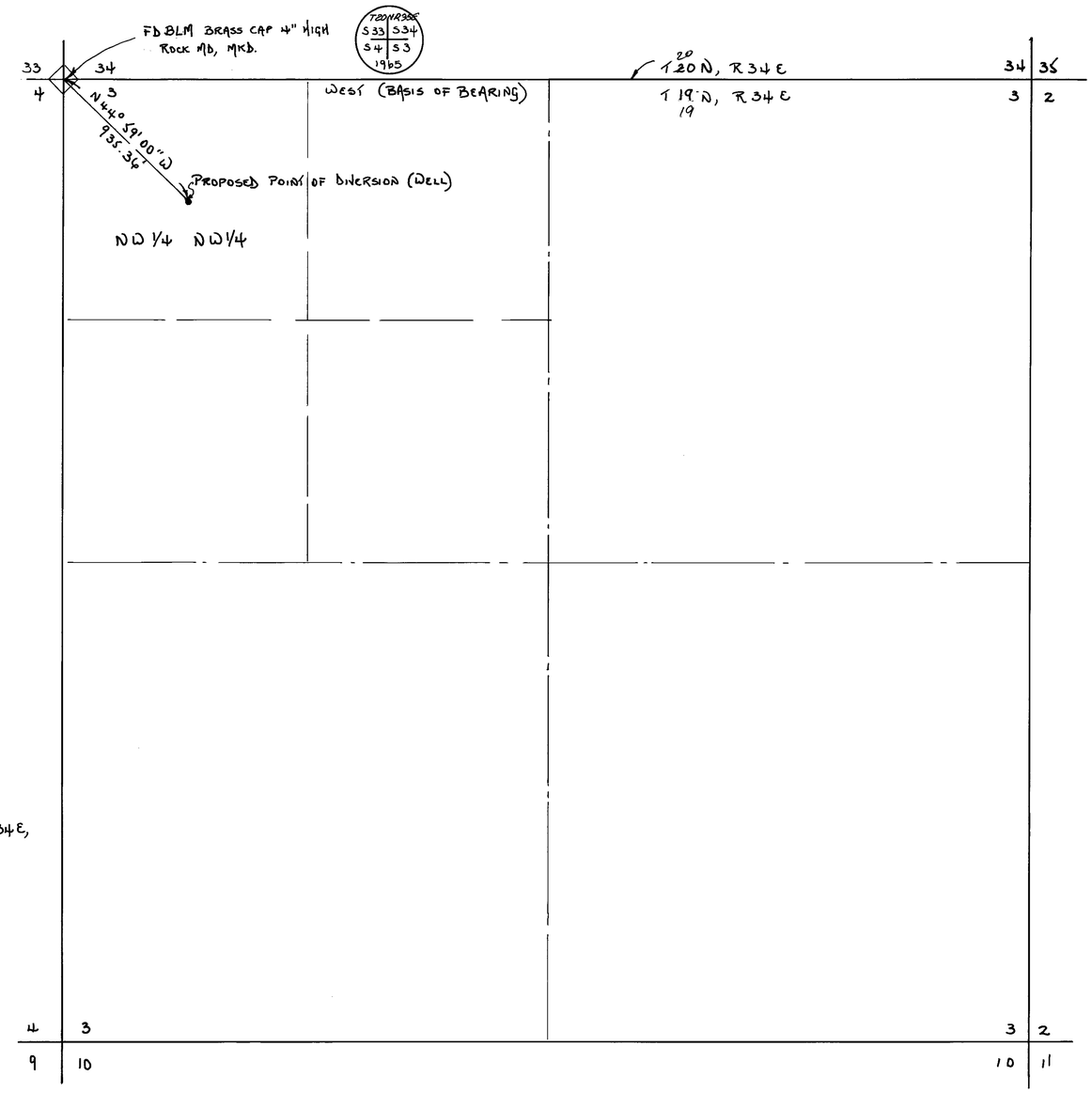
State Engineer

218 (Rev.)

To accompany application 49201

6. Place of use

T20N R26E sections 1-4, east ½ 5, east ½ 8, 9-16, east ½ 17, east ½ 20, 21-28, east ½ 29, east ½ 32, 33-36, inclusive.
T20N R27E all sections, T20N R28E all sections, T20N R29E all sections, T20N R30E all sections, T20N R31E all sections.
T20N R32E sections west ½ 4, 5-8, west ½ 9, west ½ and south ½ 16, 17-21, 29 and 30.
T19N R26E all sections, T19N R27E all sections, T19N R28E all sections, T19N R29E all sections, T19N R30E all sections.
T19N R31E sections 2-11, 14-22 and 27-33.
T18N R26E sections 1-30, 32-36
T18N R27E all sections, T18N R28E all sections, T18N R29E all sections, T18N R30E all sections.
T18N R31E sections west ½ 4, 5-8, west½ 9, west ½ 16, 17-20, west ½ 21, west ½ 28, 29-32, and west ½ 33.
T17N R31E sections west ½ 4, 5-8, west ½ 9, west ½ 16, 17-20, west ½ 21, west ½ 28, 29-32, and west ½ 33.
T17N R30E all sections, T17N R29E all sections.
T17N R28E sections 1-3, 10-15, 21-28, and 33-36.



BASIS OF BEARING
GLO PLAT MAP (1969)
NORTH LINE SEC 3. T 19 N, R 34 E,
MDB&M SHOWN AS WEST.

STATE OF NEVADA
COUNTY OF LYON. ss.

I, ROBERT W. MILLARD, BEING FIRST DULY SWORN, DEPOSE AND SAY THAT THIS MAP, CONSISTING OF 1 SHEET HAS BEEN CORRECTLY DRAWN TO THE DESIGNATED SCALE FROM FIELD NOTES OF A SURVEY MADE UNDER MY SUPERVISION AND DIRECTION BETWEEN THE 15TH DAY OF NOVEMBER, AND THE 23RD DAY OF NOVEMBER 1985; THAT IT TRULY AND CORRECTLY REPRESENTS THE PROPOSED LOCATION AND EXTENT OF THE WORKS USED TO DIVERT WATER FROM AN UNDERGROUND SOURCE IN CHURCHILL COUNTY, BY TIMOTHY J. DURBIN, FOR QUASI-MUNICIPAL PURPOSES. THAT THE PROPOSED POINT OF DIVERSION, THE APPROXIMATE LOCATION AND SIZE OF DIVERTING CHANNEL, ALL RESERVOIRS OR BASINS, THE LOCATION AND NAMES OF ALL OTHER WORKS WHICH WILL CROSS OR CONNECT WITH THE PROPOSED WORKS, AND THE BOUNDARY OF ALL LANDS, TO BE SERVED ARE FULLY AND CORRECTLY DESIGNATED THEREON.

Robert W. Millard
(STATE WATER RIGHT SURVEYOR № 215

SUBSCRIBED AND SWORN TO BEFORE ME
THIS 26th DAY OF November, 1985.

NOTARY PUBLIC IN AND FOR Lyon COUNTY, NEVADA.

ANALISA U. DAVIS
Notary Public - State of Nevada
Appointment Recorded in Lyon County
MY APPOINTMENT EXPIRES AUG. 4, 1986

Analisa U. Davis

85 NOV 27 P 1:30

0 100 400 800 1200 1600
SCALE 1" = 400'

FILED
NOV 27 1985
STATE ENGINEER'S OFFICE

Note: For Place of Use - See Sheet 2 of Map for Application № 49200

PREPARED BY:
LIAHONA ENGINEERING
P.O. Box 1059
FERNLEY, NV
1-702-575-2563

MAP
TO ACCOMPANY APPLICATION № 49201
TO APPROPRIATE WATER FOR QUASI-MUNICIPAL PURPOSES
BY: TIMOTHY J. DURBIN
FROM: AN UNDERGROUND SOURCE
IN: CHURCHILL COUNTY, NEVADA.

79616 **49201**



Site Search

Permit Information

New Search

App/Permit: 49201
Status: READY FOR ACTION
Certificate: None

General | Maps & Due Dates | Place of Use | Abrogations/Protests/Rulings | Ownership and Title

Current Ownership Information

(NOTE: Owner names shown here are standardized for retreival purposes only. Verify legal names before submitting any new documentation.)

Owner	Type	Div Rate	Duty	Acres	Change By	APN	County	Description
CHURCHILL COUNTY	C	0	0	0				

Confirmed By:
Effective Date:

Original Owners

Owner
DURBIN, TIMOTHY J.

Remarks

SEE FILE FOR REMAINDER PF P.O.U. MAP P.O.U. UNDER 49200 SHEET 2

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

Application 49795

BASIN: Dixie Valley (128) **COUNTY:** Churchill

LATITUDE: 39.506692 **LONGITUDE:** -118.152986

OWNERSHIP:	Churchill County
PRIORITY DATE:	3/31/1986
SOURCE DESCRIPTION:	UG
POINT OF DIVERSION:	SE¼SE¼ Section 16, T.19N., R.34E., M.D.M.
MANNER OF USE:	QM
PLACE OF USE:	See attached table
DIVERSION RATE:	6.0 cfs
ALLOWED DUTY:	0.0 afa
PERIOD OF USE:	01/01-12/31
STATUS:	RFA
RFA DATE:	08/21/1986
REMARKS:	

POD PARCEL:	Churchill County APN 003-251-02
POD PARCEL OWNER:	Bureau of Land Management
POU PARCEL:	Churchill County APN Multiple
POU PARCEL OWNER:	Multiple

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

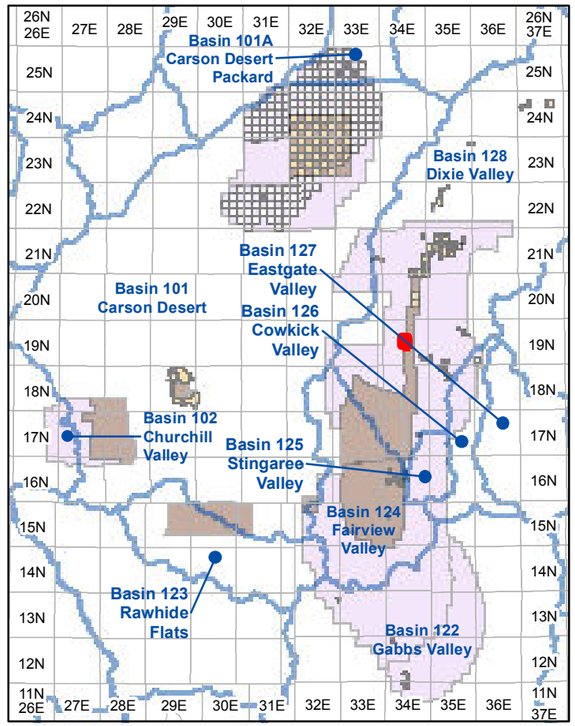
Application 49795

The current owner of Application 49795 is Churchill County. The application was submitted to the NDWR on March 31, 1986. The application requests an allowed diversion rate of 6.0 CFS be permitted for Quasi-Municipal purposes from January 1 to December 31.

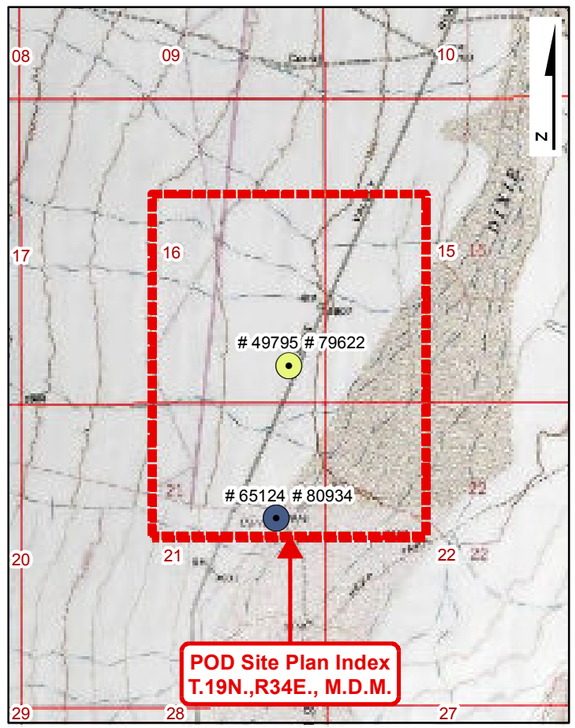
The proposed point of diversion is located within the SE¼SE¼ Section 16, Township 19N, Range 34E, MDM. Range 34E, MDM. The proposed place of use is within Churchill County and is more specifically listed in following table.

Section(s)	Township	Range
1- 4, E½5, E½8, 9-16, E½17, E½20, 21-28, E½29, 30, 31, E½32, 33-36	20N	26E
All Sections	20N	27E
All Sections	20N	28E
All Sections	20N	29E
All Sections	20N	30E
All Sections	20N	31E
W½4, 5-8, W½9, W½ & S½16, 17-21, 29-30	20N	32E
All Sections	19N	26E
All Sections	19N	27E
All Sections	19N	28E
All Sections	19N	29E
All Sections	19N	30E
2-11, 14-22, 27-33	19N	31E
1-30, 32-36	18N	26E
All Sections	18N	27E
All Sections	18N	28E
All Sections	18N	29E
All Sections	18N	30E
W½4, 5-8, W½9, W½16, 17-20, W½21, W½28, 29-32, W½33	18N	31E
1-3, 10-15, 21-28, 33-36	17N	28E
All Sections	17N	29E
All Sections	17N	30E
W½4, 5-8, W½9, W½16, 17-20, W½21, W½28, 29-32, W½33	17N	31E

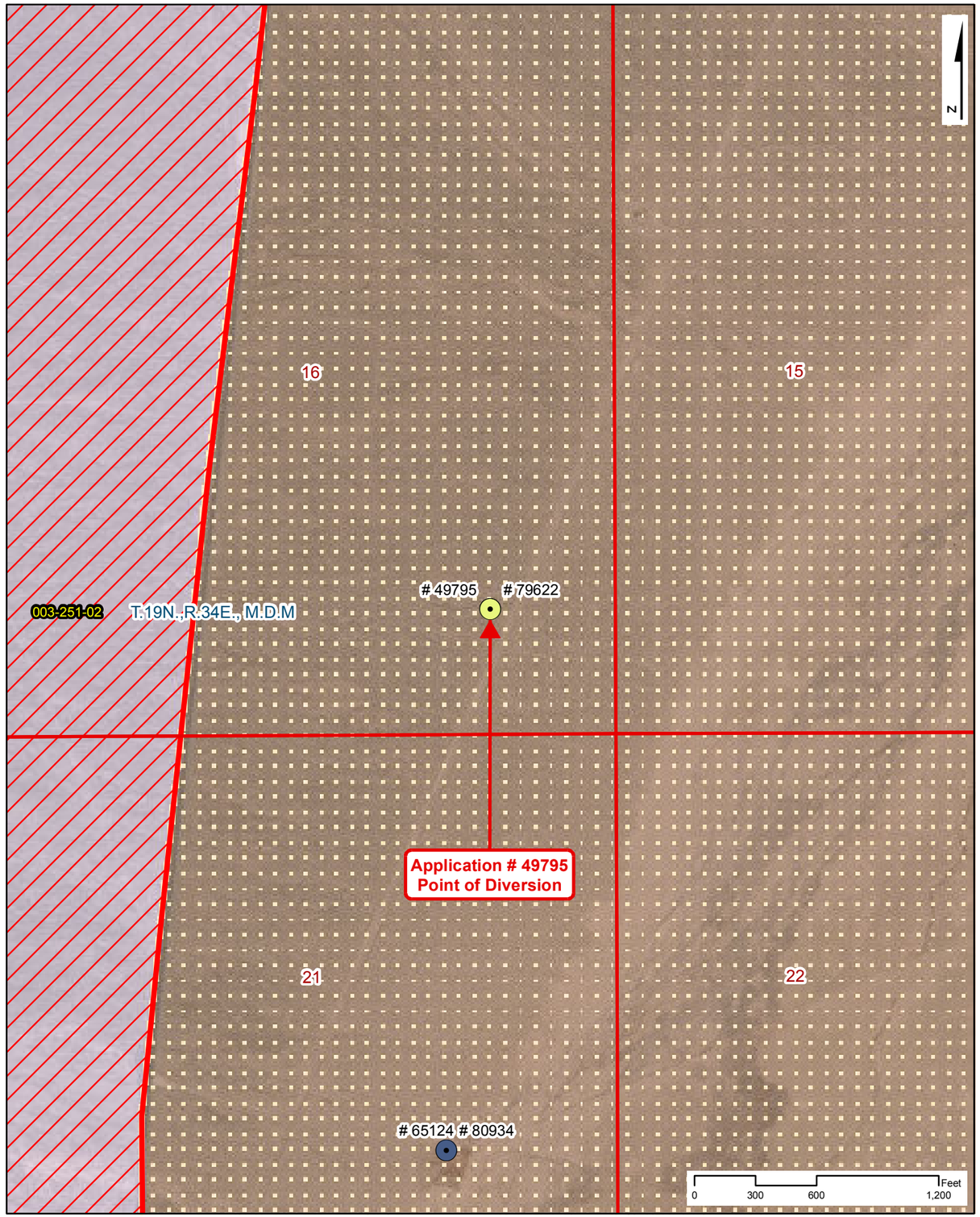
Application 49795 has gone through the noticing period and has been in RFA status with the NDWR since March 31, 1986.



Township and Range Index
Scale: 1" = 20 Miles



USGS Quadmap Site Plan Index
Scale: 1" = 1/2 Mile



Point of Diversion Site Plan
Scale: 1" = 600'

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631

WATER RIGHTS RESEARCH INVENTORY SERVICES

Application: 49795

BASIN: Dixie Valley (128) — **COUNTY: Churchill**
LATITUDE: 39.506692 — **LONGITUDE: -118.152986**
POINT OF DIVERSION: SE1/4,SE1/4, Section 16, T.19N.,R34E., M.D.M.
PLACE OF USE (DWR Polygon ID): 6722
PERMIT LAND CATEGORY: Existing Lands Privately Held

OWNERSHIP

Churchill County

FILING DATE: 1/31/1986
RFA DATE: 8/21/1986
STATUS: Ready for Action

USE UNITS

SOURCE DESCRIPTION: Underground
MANNER OF USE: Quasi-Municipal
DIVERSION RATE: 6 CFS
ALLOWED DUTY: 0.000 AFA
PERIOD OF USE: 01/01-12/31

GIS PARCEL DATA

A.P.N. 003-251-02, CHURCHILL COUNTY
BUREAU OF LAND MANAGEMENT

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index

- Township Range Grid
- Hydrographic Basins

Existing Navy Lands
- Withdrawan
- Non Federal
- Navy Owned

Proposed Navy Lands
- Proposed Withdrawal Expansion
- Non Federal

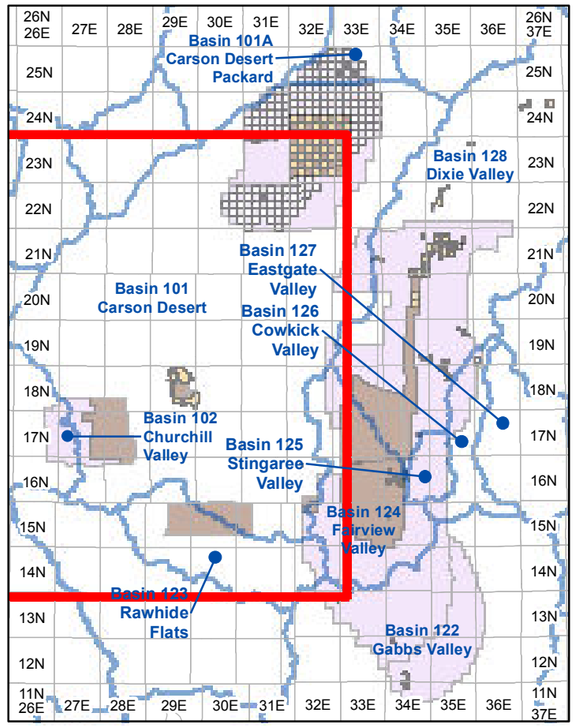
Point of Diversion Manner of Use

- As Decreed
- Commercial
- Domestic
- Environmental
- Industrial
- Irrigation
- Mining & Milling
- Municipal
- Other
- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

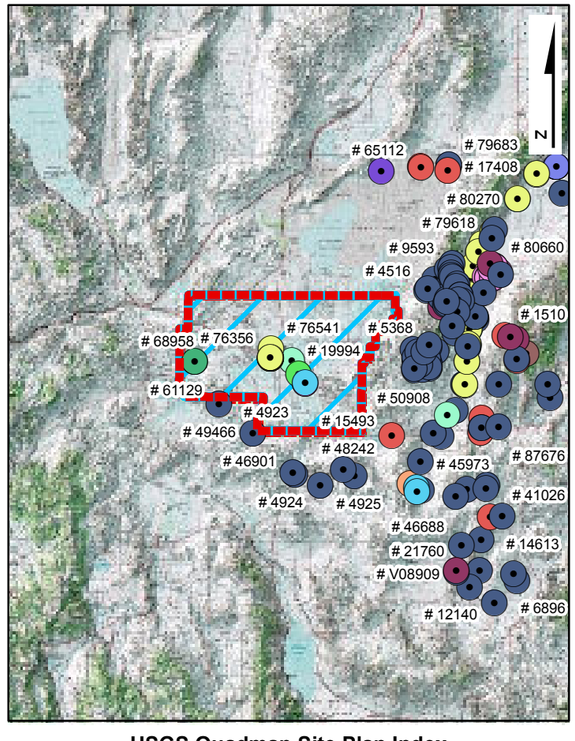
R|O Anderson

Application: 49795

Product of R.O. Anderson Engineering, Inc. -= Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_Application_Maps.mxd -= GIS Specilist: Eric Herron -= Publication Date: 10/5/2019 10:48:29 AM



Township and Range Index



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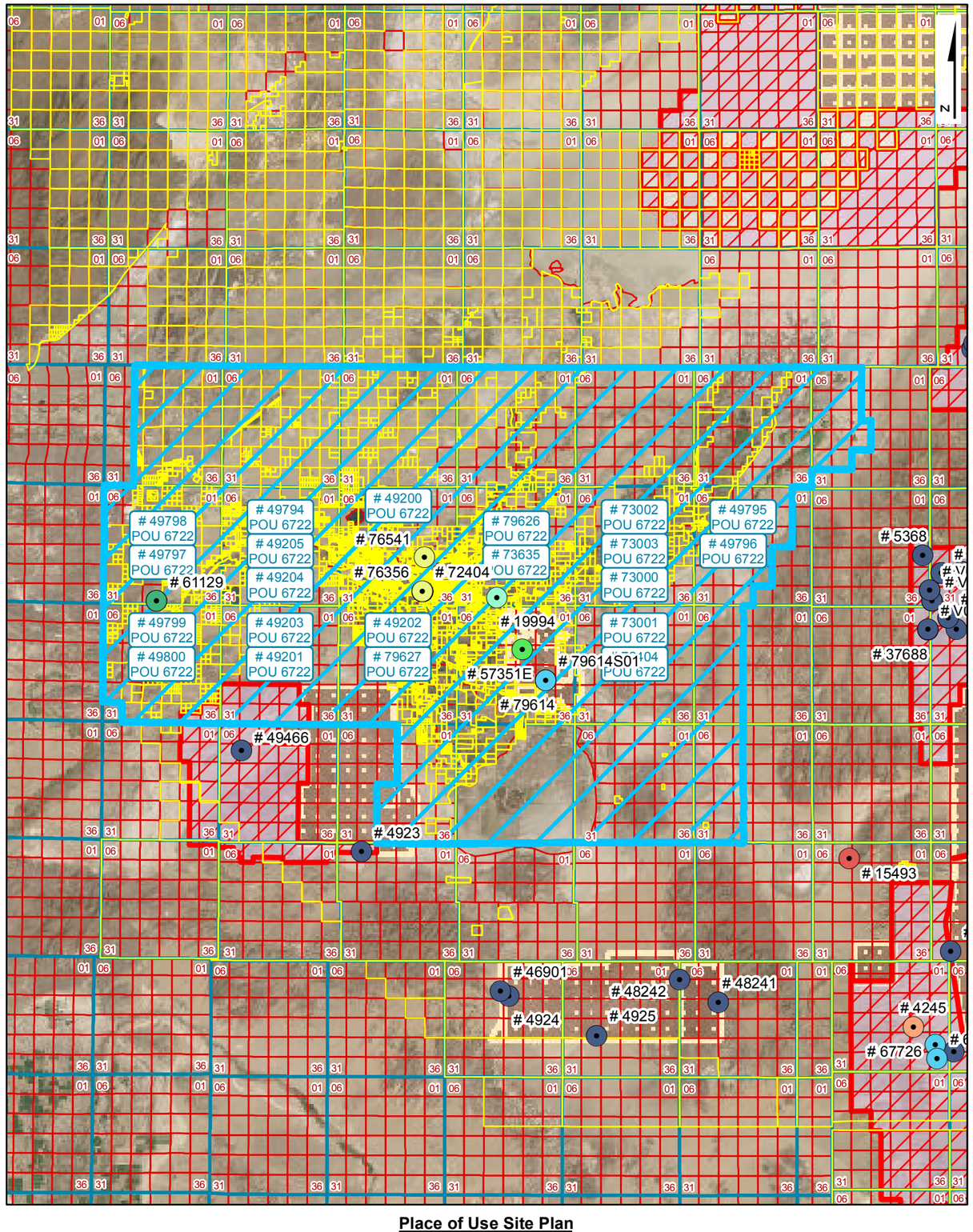

Place of Use Site Plan

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH INVENTORY SERVICES

DIVISION OF WATER RESOURCES PLACE OF USE GIS DATA

WATER RIGHT: 49795 **DWR POLYGON ID: 6722**

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index

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- As Decreed
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- Other
- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

R|O Anderson

WATER RIGHT: 49795
DWR POLYGON ID: 6722

Product of R.O. Anderson Engineering, Inc. -= Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_POU_Maps.mxd =- GIS Specilist: Eric Herron =- Publication Date: 10/5/2019 12:03:10 PM

ASSIGNED AMENDED

Nº 49795

APPLICATION FOR PERMIT
TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

Date of filing in State Engineer's Office MAR 3 1 1986

Returned to applicant for correction APR 1 6 1986

Corrected application filed JUN 1 3 1986

Map filed JUN 1 3 1986

The applicant Timothy J. Durbin

260 Russell Blvd., Suite B (Street and No. or P.O. Box No.), of Davis, Yolo County (City or Town),

California, 95616 (State and Zip Code No.), hereby make application for permission to appropriate the public waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.)

N/A

---

1. The source of the proposed appropriation is Underground water from Dixie Valley, (Name of stream, lake, spring, underground or other source)
Churchill County, Nevada Groundwater Basin.

2. The amount of water applied for is 6.0 second-feet (One second-foot equals 448.83 gals. per min.)
   (a) If stored in reservoir give number of acre-feet N/A

3. The water to be used for Quasi-Municipal Purposes (Irrigation, power, mining, manufacturing, domestic, or other use. Must limit to one use.)

4. If use is for:
   (a) Irrigation, state number of acres to be irrigated
   (b) Stockwater, state number and kinds of animals to be watered
   (c) Other use (describe fully under "No. 12. Remarks" See "Remarks"
   (d) Power:
      (1) Horsepower developed
      (2) Point of return of water to stream

5. The water is to be diverted from its source at the following point SE¼ SE¼ Sec 16, T19N, R34E, (Describe as being within a 40-acre subdivision of public survey, and by course and distance to a section corner. If on unsurveyed land, it should be so stated.)
MDB&M, or at a point from which the SE corner of said
Section 16 bears, N 45° 57' 20" W a distance of 832.08 feet.

6. Place of use See Attachment (Describe by legal subdivision. If on unsurveyed land, it should be so stated.)

7. Use will begin about January 1 (Month and Day) and end about December 31 (Month and Day), of each year.

8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) Drilled well, transmission lines, (State manner in which water is to be diverted, i.e. diversion structure, ditches and flumes, drilled well with pump and motor, etc.)
pumps, tanks and treatment facilities.

9. Estimated cost of works $1,900,000

10. Estimated time required to construct works Five Years
If well completed, describe works.

11. Estimated time required to complete the application of water to beneficial use Five years

12. Remarks: For use other than irrigation or stock watering, state number and type of units to be served or annual consumptive use.

The appropriated water will be used in conjunction with other water pursuant to seven other applications filed concurrently herewith for quasi-municipal purposes in the urban areas to provide water service to approximately 10,000 persons per application, for a total of 70,000 current/new residents.

By s/ Clare N. Mahannah
P.O. Box 9066
Reno, Nevada 89507

Compared jm/cmc

Protested

OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed cubic feet per second

Work must be prosecuted with reasonable diligence and be completed on or before

Proof of completion of work shall be filed on or before

Application of water to beneficial use shall be made on or before

Proof of the application of water to beneficial use shall be filed on or before

Map in support of proof of beneficial use shall be filed on or before

Completion of work filed

Proof of beneficial use filed

Cultural map filed

Certificate No. Issued

IN TESTIMONY WHEREOF, I State Engineer of Nevada, have hereunto set my hand and the seal of my office, this day of , A.D. 19

State Engineer

218 (Rev.)

To accompany application

6. Place of use

T20N R26E sections 1-4, east ½ 5, east ½ 8, 9-16, east ½ 17, east ½ 20, 21-28, east ½ 29, east ½ 32, 33-36, inclusive.
T20N R27E all sections, T20N R28E all sections, T20N R29E all sections, T20N R30E all sections, T20N R31E all sections.
T20N R32E sections west ½ 4, 5-8, west ½ 9, west ½ and south ½ 16, 17-21, 29 and 30.
T19N R26E all sections, T19N R27E all sections, T19N R28E all sections, T19N R29E all sections, T19N R30E all sections.
T19N R31E sections 2-11, 14-22 and 27-33.
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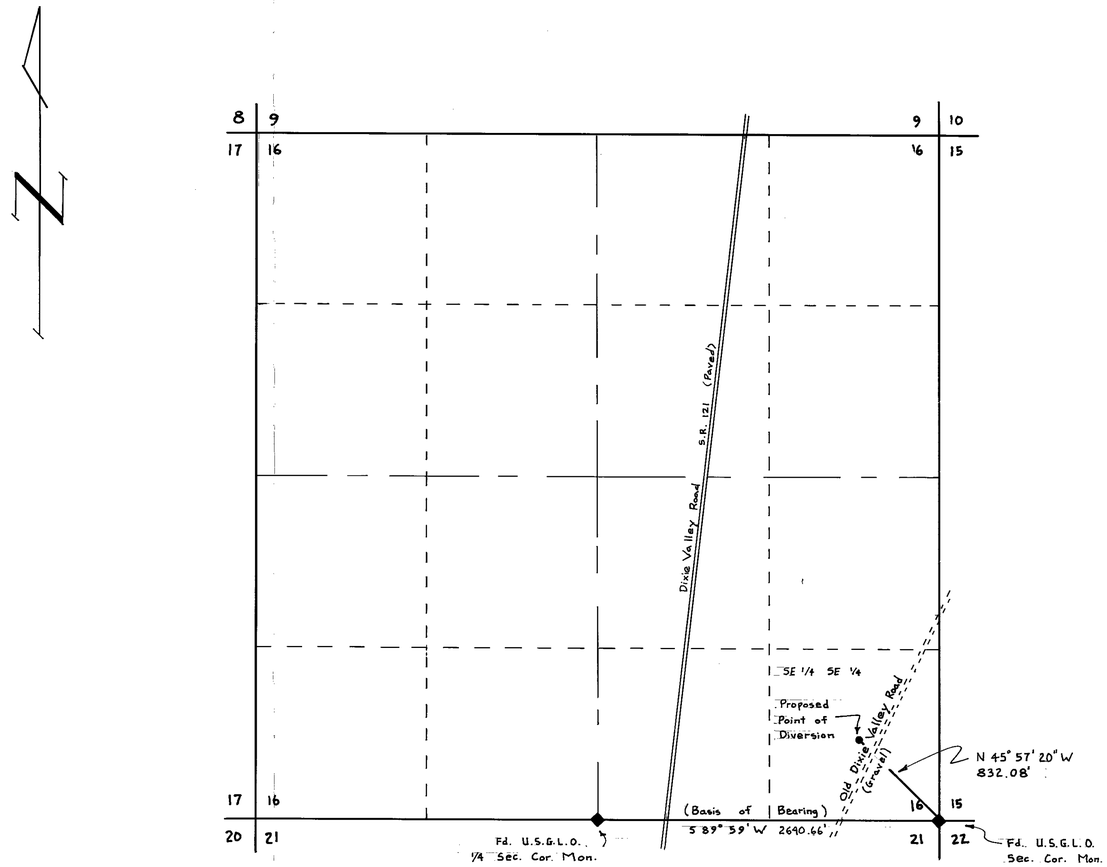


STATE OF NEVADA }
COUNTY OF } S.S.

I, Clare N. Mahannah, being first duly sworn, depose and say that this map, consisting of 1 sheet(s), numbered from 1 to 1, inclusive, has been correctly drawn to the designated scale from field notes of a survey made by me, (or under my supervision and direction), between the 24 day of May, and the 25 day of May, 1986; that it truly and correctly represents the proposed location and extent of the works used to divert water from an underground source in Churchill county, by Timothy J. Durbin for Quasi-Municipal purposes. That the proposed point of diversion, the approximate location and size of diverting channel, all reservoirs or basins, the location and names of all other works which will cross or connect with the proposed works, and the boundary of all lands to be served are fully and correctly designated thereon.

Clare N Mahannah
STATE WATER RIGHT SURVEYOR No. 762

Subscribed and sworn to before me
this 11th day of June, 1986
Notary Public in and for Washoe county, Nevada

SANDRA K. BECKETT
Notary Public - State of Nevada
Appointment Recorded in Washoe County
MY APPOINTMENT EXPIRES DEC. 19, 1989

Sandra K Beckett

Bearing Source: B.L.M. PLATE, By J.D. Sorensen
Oct 7, 1966 - Sept. 22, 1967
Group No. 441

0 600 1200 1800 2400 3000
SCALE 1" = 600'

SECTION 16
TOWNSHIP 19 NORTH, RANGE 34 EAST, M.D.M.
CHURCHILL COUNTY, NEVADA

NOTE: For Place of Use - See Sheet 2 of Map for Application No. 49200

FILED
JUN 13 1986
STATE ENGINEER'S OFFICE

STATE ENGINEERS OFFICE
RECEIVED
'86 JUN 13 P3:09

MAP
TO ACCOMPANY APPLICATION
NO. 49795 TO APPROPRIATE WATER
FOR QUASI-MUNICIPAL PURPOSES
BY: Timothy J. Durbin
FROM: Underground Source
IN: Churchill County, Nevada

WATER RESEARCH AND DEVELOPMENT
P.O. BOX 9066 · RENO, NV · 89507-9066
(702) 747-1100

79622 49795

State of Nevada
Division of Water Resources

Site Search

Permit Information

New Search

App/Permit: 49795
Status: READY FOR ACTION
Certificate: None

General | Maps & Due Dates | Place of Use | Abrogations/Protests/Rulings | Ownership and Title

Current Ownership Information

(NOTE: Owner names shown here are standardized for retreival purposes only. Verify legal names before submitting any new documentation.)

Owner	Type	Div Rate	Duty	Acres	Change By	APN	County	Description
CHURCHILL COUNTY	C	0	0	0				

Confirmed By:
Effective Date:

Original Owners

Owner
DURBIN, TIMOTHY J.

Remarks

EXTENSIVE PLACE OF USE SEE APPLICATION.

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

Application 49800

BASIN: Dixie Valley (128) **COUNTY:** Churchill

LATITUDE: 39.79746 **LONGITUDE:** -118.069629

OWNERSHIP:	Churchill County
PRIORITY DATE:	3/31/1986
SOURCE DESCRIPTION:	UG
POINT OF DIVERSION:	SW¼SE¼ Section 05, T.22N., R.35E., M.D.M.
MANNER OF USE:	QM
PLACE OF USE:	See attached table
DIVERSION RATE:	6.0 cfs
ALLOWED DUTY:	0.0 afs
PERIOD OF USE:	01/01-12/31
STATUS:	RFA
RFA DATE:	8/24/1986
REMARKS:	

POD PARCEL:	Churchill County APN 004-211-03
POD PARCEL OWNER:	United States of America
POU PARCEL:	Churchill County APN Multiple
POU PARCEL OWNER:	Multiple

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

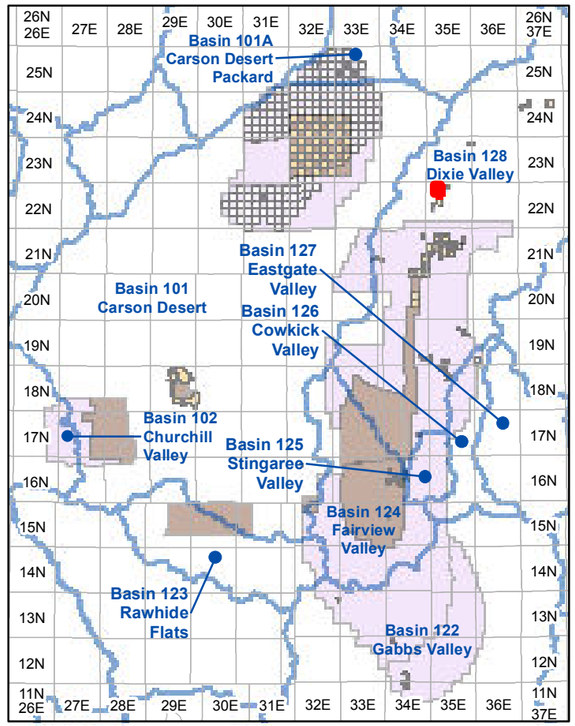
Application 49800

The current owner of Application 49800 is Churchill County. The application was submitted to the NDWR on March 31, 1986. The application requests an allowed diversion rate of 6.0 CFS be permitted for quasi-municipal purposes from January 1 through December 31.

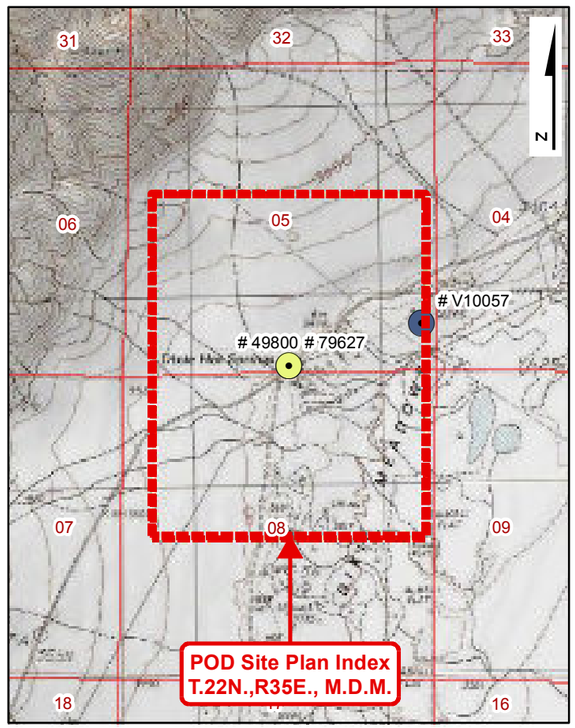
The proposed point of diversion is located within the SW¼SW¼ Section 4, Township 22N, Range 35E, MDM. The proposed place of use is within Churchill County and is more specifically listed in following table.

Section(s)	Township	Range
1- 4, E½5, E½8, 9-16, E½17, E½20, 21-28, E½29, 30, 31, E½32, 33-36	20N	26E
All Sections	20N	27E
All Sections	20N	28E
All Sections	20N	29E
All Sections	20N	30E
All Sections	20N	31E
W½4, 5-8, W½9, W½ & S½16, 17-21, 29-30	20N	32E
All Sections	19N	26E
All Sections	19N	27E
All Sections	19N	28E
All Sections	19N	29E
All Sections	19N	30E
2-11, 14-22, 27-33	19N	31E
1-30, 32-36	18N	26E
All Sections	18N	27E
All Sections	18N	28E
All Sections	18N	29E
All Sections	18N	30E
W½4, 5-8, W½9, W½16, 17-20, W½21, W½28, 29-32, W½33	18N	31E
1-3, 10-15, 21-28, 33-36	17N	28E
All Sections	17N	29E
All Sections	17N	30E
W½4, 5-8, W½9, W½16, 17-20, W½21, W½28, 29-32, W½33	17N	31E

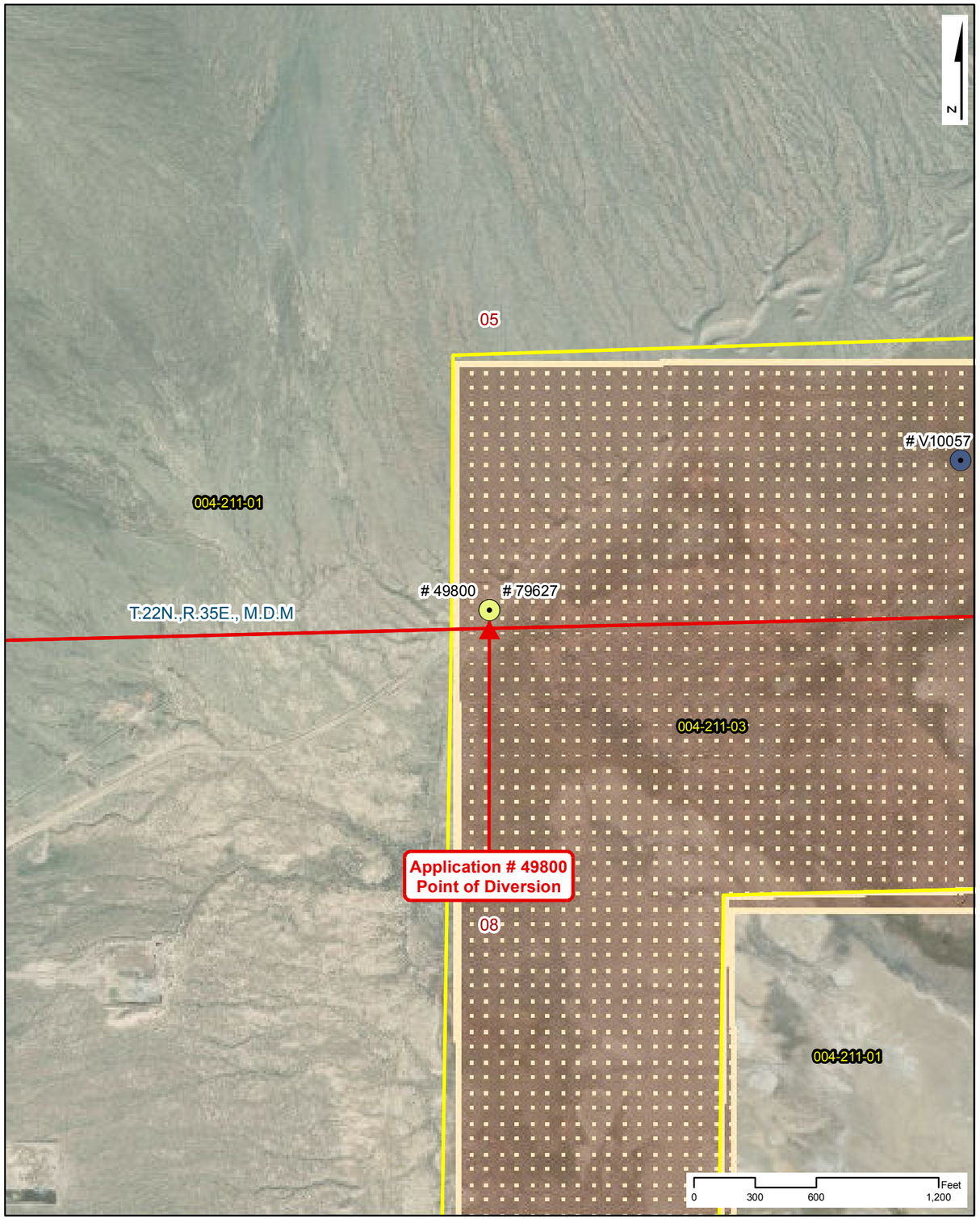
Application 49800 has gone through the noticing period and has been in RFA status with the NDWR since March 31, 1986.



Township and Range Index
Scale: 1" = 20 Miles



USGS Quadmap Site Plan Index
Scale: 1" = 1/2 Mile



Point of Diversion Site Plan
Scale: 1" = 600'

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH INVENTORY SERVICES

Application: 49800

BASIN: Dixie Valley (128) — **COUNTY: Churchill**
LATITUDE: 39.79746 — **LONGITUDE: -118.069629**
POINT OF DIVERSION: SW1/4,SE1/4, Section 5, T.22N.,R35E., M.D.M.
PLACE OF USE (DWR Polygon ID): 6722
PERMIT LAND CATEGORY: Existing Lands Privately Held

OWNERSHIP
Churchill County

FILING DATE: 3/31/1986
RFA DATE: 8/24/1986
STATUS: Ready for Action

USE UNITS
N/A

SOURCE DESCRIPTION: Underground
MANNER OF USE: Quasi-Municipal
DIVERSION RATE: 6 CFS
ALLOWED DUTY: 0.000 AFA
PERIOD OF USE: 01/01-12/31

GIS PARCEL DATA
A.P.N. 004-211-03, CHURCHILL COUNTY UNITED STATES OF AMERICA

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index
- Township Range Grid
- Hydrographic Basins

Existing Navy Lands
- Withdrawan
- Non Federal
- Navy Owned

Proposed Navy Lands
- Proposed Withdrawal Expansion
- Non Federal

Point of Diversion Manner of Use
- As Decreed
- Commercial
- Domestic
- Environmental
- Industrial
- Irrigation
- Mining & Milling
- Municipal
- Other
- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

R|O Anderson

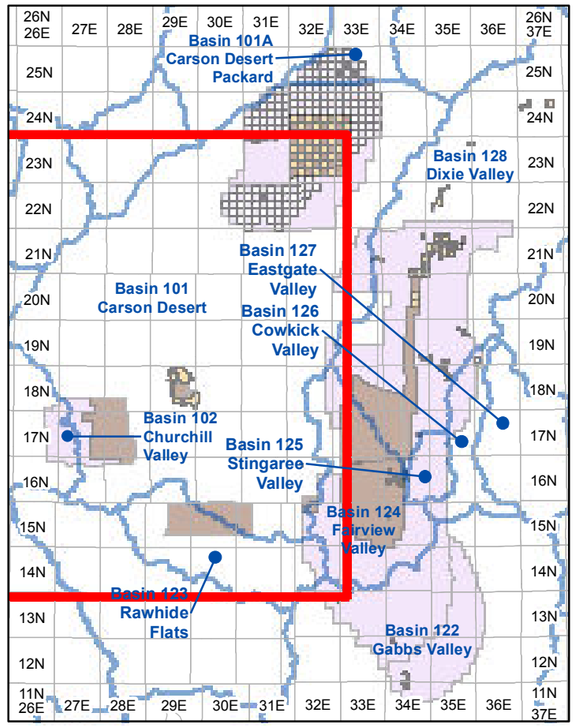
Application: 49800

Product of R.O. Anderson Engineering, Inc. -= Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_Application_Maps.mxd -= GIS Specilist: Eric Herron -= Publication Date: 10/5/2019 10:48:40 AM

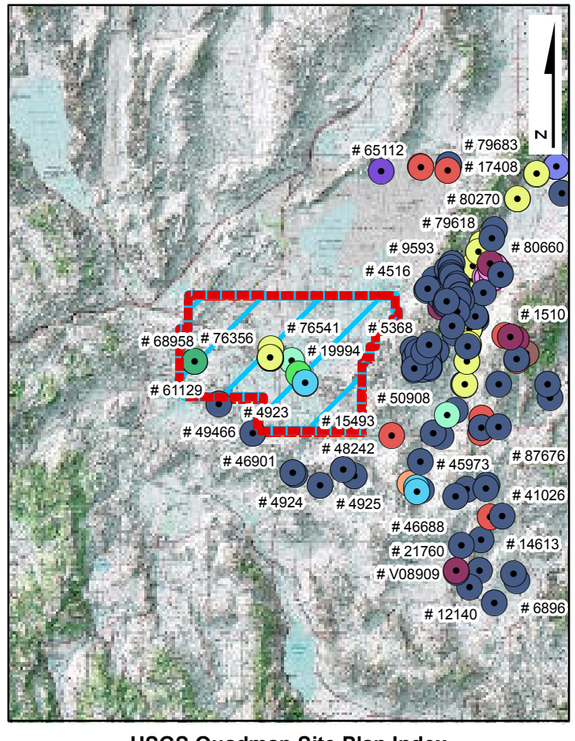
NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH INVENTORY SERVICES

DIVISION OF WATER RESOURCES PLACE OF USE GIS DATA

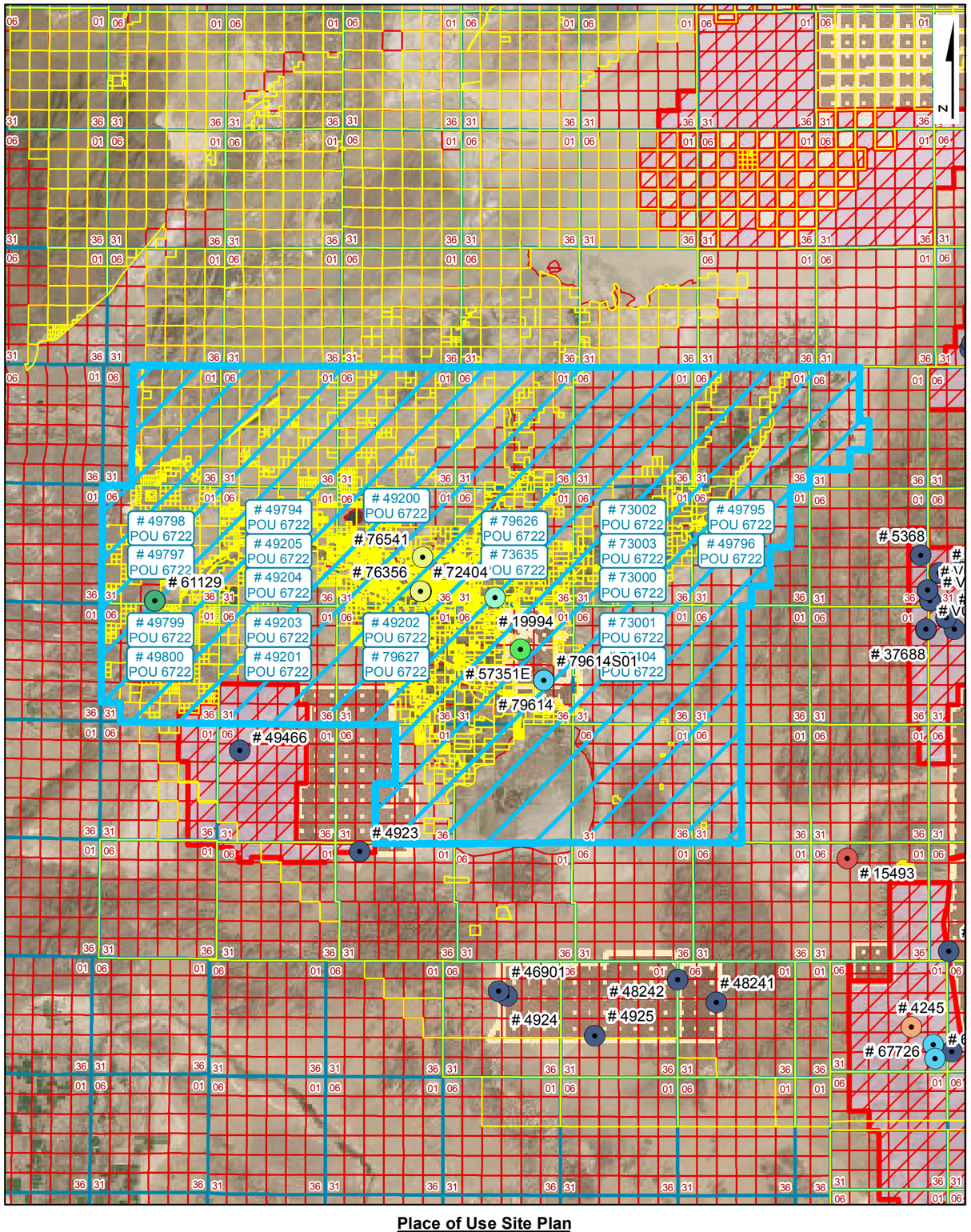
WATER RIGHT: 49800 **DWR POLYGON ID: 6722**



Township and Range Index



USGS Quadmap Site Plan Index



Place of Use Site Plan

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index

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- Withdrawan
- Non Federal
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- Stock-Watering
- Storage
- Wildlife

R|O Anderson

WATER RIGHT: 49800
DWR POLYGON ID: 6722

Product of R.O. Anderson Engineering, Inc. -= Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_POU_Maps.mxd =- GIS Specilist: Eric Herron =- Publication Date: 10/5/2019 12:01:19 PM

ASSIGNED

AMENDED

Nº 49800

APPLICATION FOR PERMIT

TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

Date of filing in State Engineer's Office MAR 3 1 1986

Returned to applicant for correction APR 1 6 1986

Corrected application filed JUN 1 3 1986

Map filed JUN 1 3 1986

The applicant Timothy J. Durbin

260 Russell Blvd. Suite B (Street and No. or P.O. Box No.), of Davis, Yolo County (City or Town),

California, 95616 (State and Zip Code No.), hereby make application for permission to appropriate the public waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.) N/A

---

1. The source of the proposed appropriation is Underground water from Dixie Valley, (Name of stream, lake, spring, underground or other source)
Churchill County, Nevada Groundwater Basin.

2. The amount of water applied for is 6.0 second-feet (One second-foot equals 448.83 gals. per min.)

   (a) If stored in reservoir give number of acre-feet N/A

3. The water to be used for Quasi-municipal Purposes (Irrigation, power, mining, manufacturing, domestic, or other use. Must limit to one use.)

4. If use is for:

   (a) Irrigation, state number of acres to be irrigated

   (b) Stockwater, state number and kinds of animals to be watered

   (c) Other use (describe fully under "No. 12. Remarks" See "Remarks"

   (d) Power:

      (1) Horsepower developed

      (2) Point of return of water to stream

5. The water is to be diverted from its source at the following point SW¼ SE¼ Sec 5, T22N, R35E, (Describe as being within a 40-acre subdivision of public survey, and by course and distance to a section corner. If on unsurveyed land, it should be so stated.)
MDB&M, or at a point from which the South ¼ corner of said Section 5 bears, N 60° 20' 54"E, a distance of 178.64 feet.

6. Place of use See Attachment (Describe by legal subdivision. If on unsurveyed land, it should be so stated.)

7. Use will begin about January 1 (Month and Day) and end about December 31 (Month and Day), of each year.

8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) Drilled well, transmission lines, (State manner in which water is to be diverted, i.e. diversion structure, ditches and flumes, drilled well with pump and motor, etc.)
pumps, tanks, and treatment facilities.

9. Estimated cost of works $1,900,000

49800

10. Estimated time required to construct works Five years
If well completed, describe works.

11. Estimated time required to complete the application of water to beneficial use Five years

12. Remarks: For use other than irrigation or stock watering, state number and type of units to be served or annual consumptive use.

The appropriated water will be used in conjunction with other water pursuant to seven other applications filed concurrently herewith for quasi-municipal purposes in the urban areas to provide water service to approximately 10,000 persons per application, for a total of 70,000 current/new residents.

By s/Clare N. Mahannah
P.O. Box 9066
Reno, Nevada 89507

Compared cmc/se

Protested

OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed cubic feet per second

Work must be prosecuted with reasonable diligence and be completed on or before

Proof of completion of work shall be filed on or before

Application of water to beneficial use shall be made on or before

Proof of the application of water to beneficial use shall be filed on or before

Map in support of proof of beneficial use shall be filed on or before

Completion of work filed

Proof of beneficial use filed

Cultural map filed

Certificate No. Issued

IN TESTIMONY WHEREOF, I State Engineer of Nevada, have hereunto set my hand and the seal of my office, this day of , A.D. 19

State Engineer

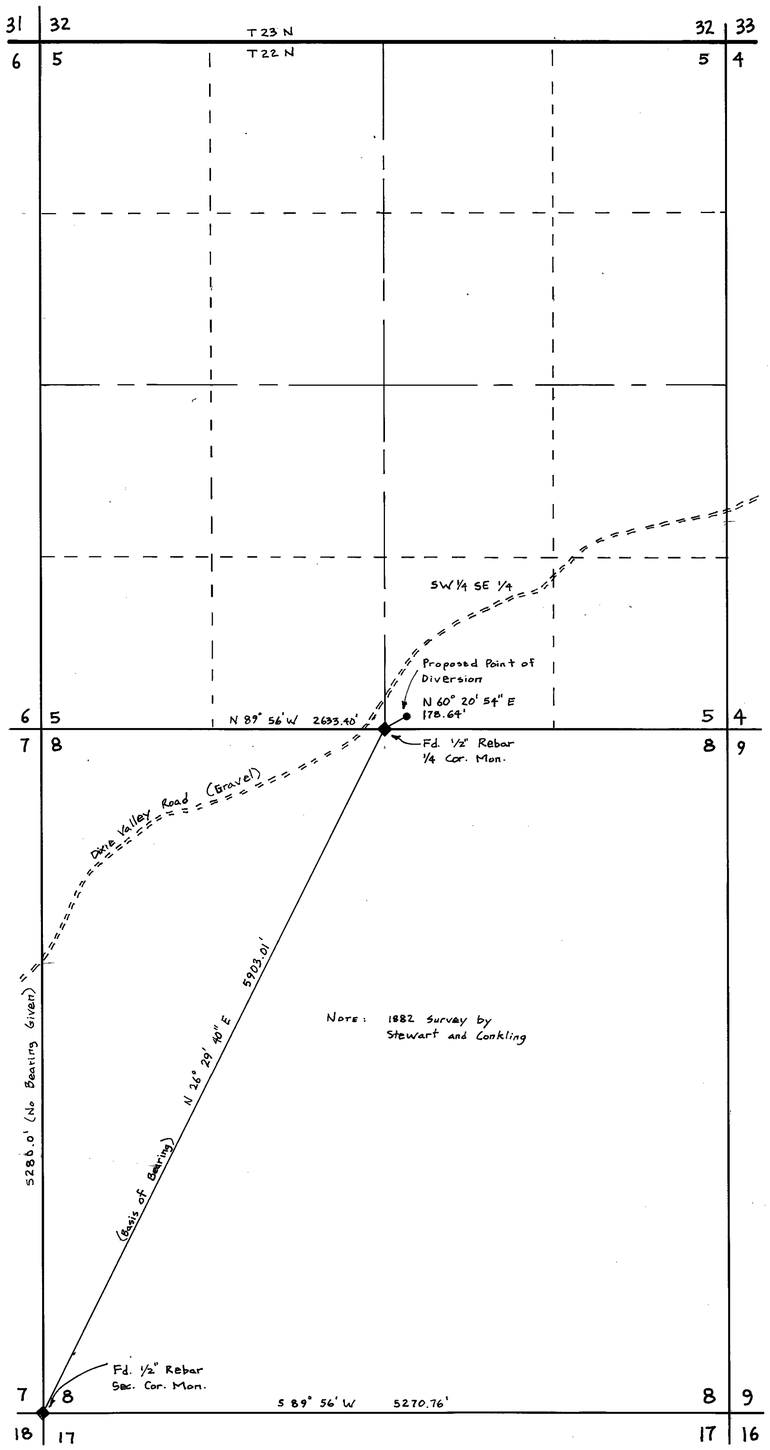
218 (Rev.)

To accompany application

6. Place of use

T20N R26E sections 1-4, east ½ 5, east ½ 8, 9-16, east ½ 17, east ½ 20, 21-28, east ½ 29, east ½ 32, 33-36, inclusive.
T20N R27E all sections, T20N R28E all sections, T20N R29E all sections, T20N R30E all sections, T20N R31E all sections.
T20N R32E sections west ½ 4, 5-8, west ½ 9, west ½ and south ½ 16, 17-21, 29 and 30.
T19N R26E all sections, T19N R27E all sections, T19N R28E all sections, T19N R29E all sections, T19N R30E all sections.
T19N R31E sections 2-11, 14-22 and 27-33.
T18N R26E sections 1-30, 32-36
T18N R27E all sections, T18N R28E all sections, T18N R29E all sections, T18N R30E all sections.
T18N R31E sections west ½ 4, 5-8, west½ 9, west ½ 16, 17-20, west ½ 21, west ½ 28, 29-32, and west ½ 33.
T17N R31E sections west ½ 4, 5-8, west ½ 9, west ½ 16, 17-20, west ½ 21, west ½ 28, 29-32, and west ½ 33.
T17N R30E all sections, T17N R29E all sections.
T17N R28E sections 1-3, 10-15, 21-28, and 33-36.





SECTION 5
TOWNSHIP 22 NORTH, RANGE 35 EAST M.D.M.
CHURCHILL COUNTY, NEVADA

STATE OF NEVADA }
COUNTY OF } S.S.

I, Clare N. Mahannah, being first duly sworn, depose and say that this map, consisting of 1 sheet(s), numbered from 1 to 1, inclusive, has been correctly drawn to the designated scale from field notes of a survey made by me, (or under my supervision and direction), between the 24 day of May, and the 25 day of May, 1986; that it truly and correctly represents the proposed location and extent of the works used to divert water from an underground source in Churchill county, by Timothy J. Durbin for Quasi-Municipal purposes. That the proposed point of diversion, the approximate location and size of diverting channel, all reservoirs or basins, the location and names of all other works which will cross or connect with the proposed works, and the boundary of all lands to be served are fully and correctly designated thereon.

Clare N. Mahannah
STATE WATER RIGHT SURVEYOR No. 762

Subscribed and sworn to before me
this 11th day of June, 1986

Notary Public in and for Washoe county, Nevada

Sandra K. Beckett

SANDRA K. BECKETT
Notary Public - State of Nevada
Appointment Recorded in Washoe County
MY APPOINTMENT EXPIRES DEC. 10, 1988

0 600 1200 1800 2400 3000

SCALE 1" = 600'

Note: For Place of Use - See Sheet 2 of Map For Application 49200

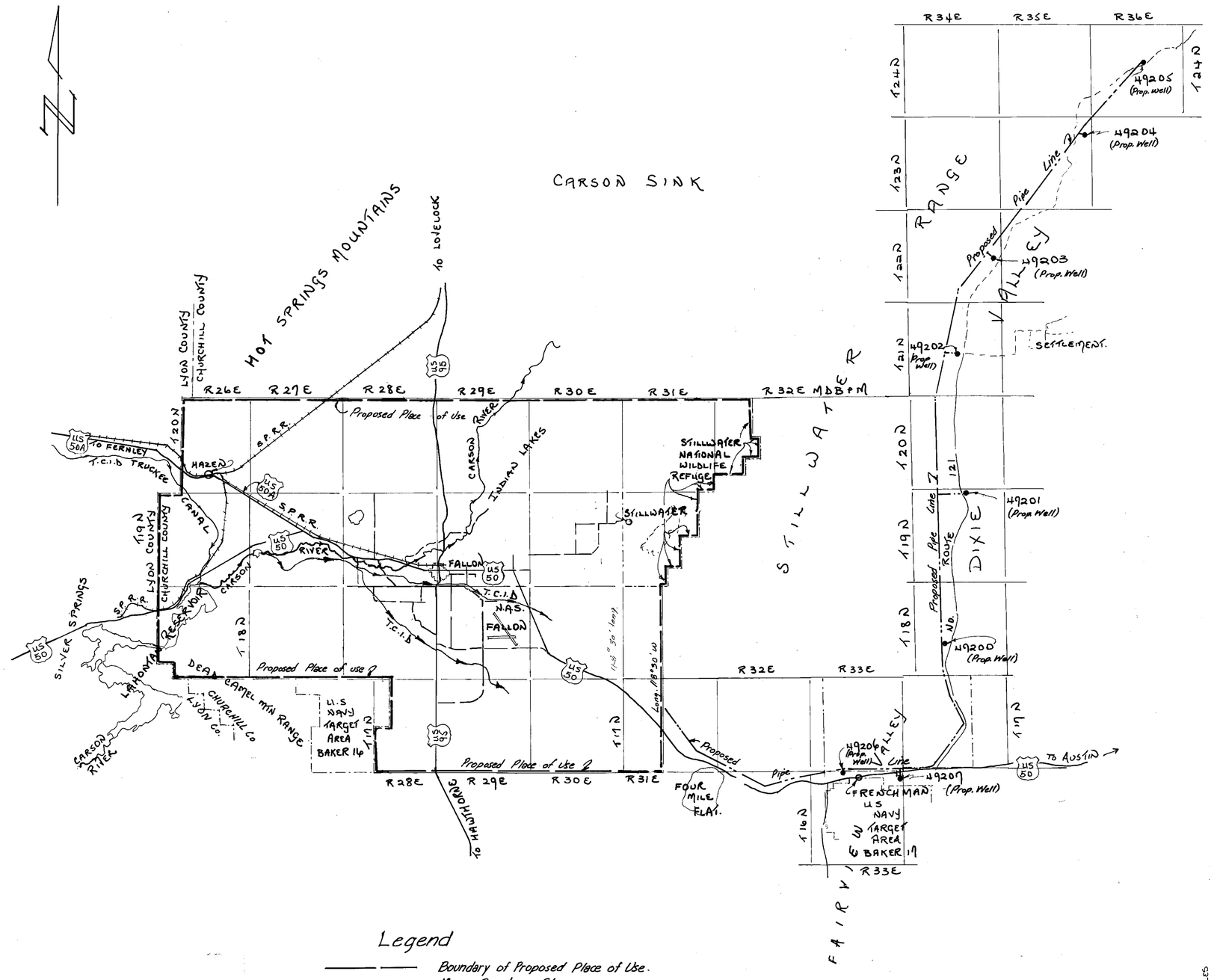
FILED
JUN 13 1986
STATE ENGINEER'S OFFICE

STATE ENGINEERS OFFICE
'86 JUN 13 P3:09

MAP
TO ACCOMPANY APPLICATION
NO. 49800 TO APPROPRIATE WATER
FOR QUASI-MUNICIPAL PURPOSES
BY: Timothy J. Durbin
FROM: Underground Source
IN: Churchill County, Nevada

WATER RESEARCH AND DEVELOPMENT
P.O. BOX 9066 · RENO, NV · 89507-9066
(702) 747-1100

79627 49800



Legend

- Boundary of Proposed Place of Use.
- Major Canal or Stream.
- Proposed Pipe Line

69323 CERTIFICATE NO. 76150 ISSUED 12-4-06

5 MILES 0 MILES 5 MILES 10 MILES 15 MILES

1"=4 mi.
SCALE 1: 250,000

RECEIVED
NOV 27 2006
STATE ENGINEER'S OFFICE

MAP
TO ACCOMPANY APPLICATION Nº 49200
TO APPROPRIATE WATER FOR QUASI-
MUNICIPAL PURPOSES
BY: TIMOTHY J. DURBIN
FROM: AN UNDERGROUND SOURCE
IN: CHURCHILL COUNTY, NEVADA.

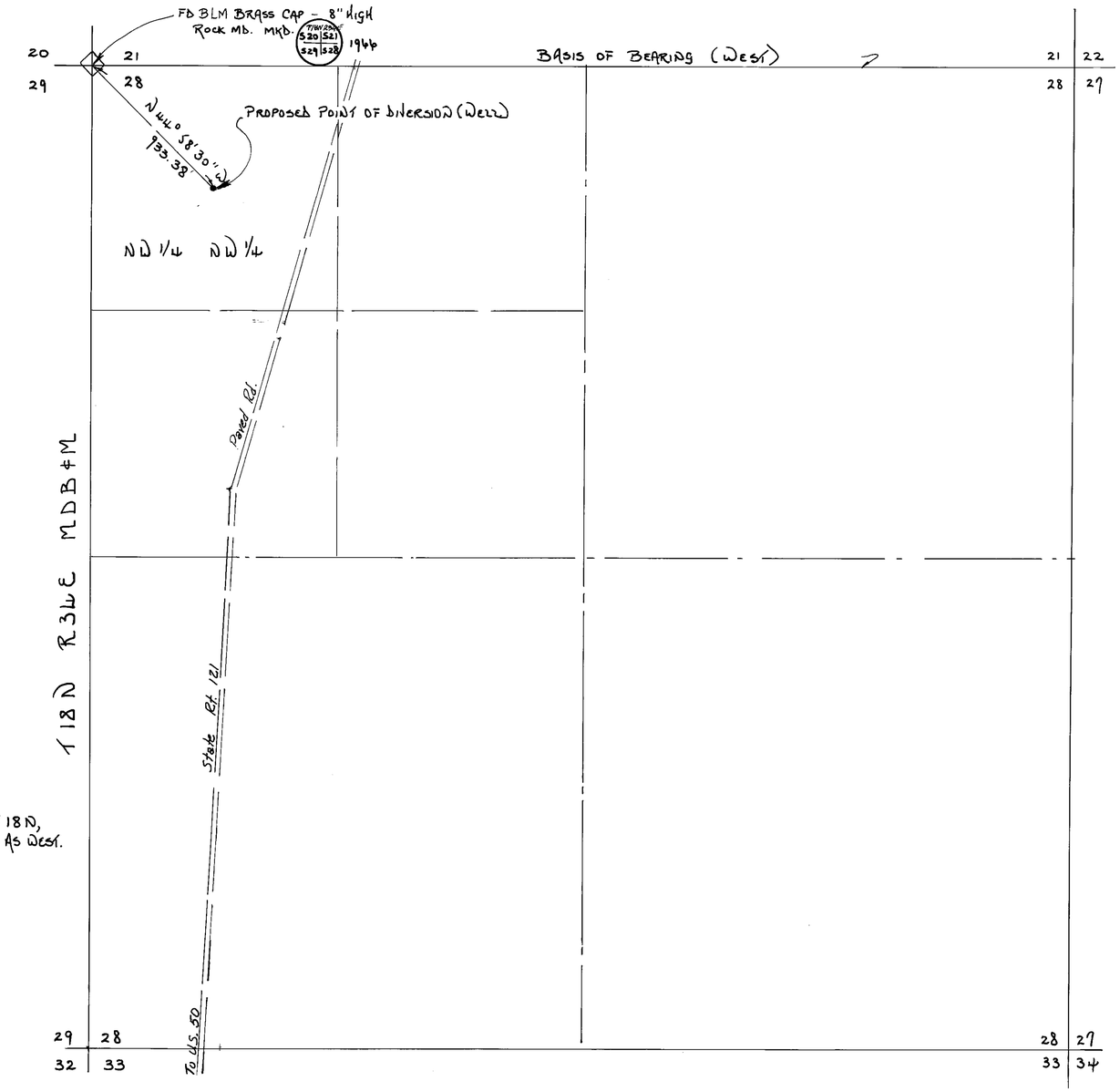
PREPARED BY:
LIAHONA ENGINEERING
P. O. BOX 1059
FERNLEY NV. 89408
1-702-575-2563

86358
86359T
83812
83225
81506
80516
77064
77063

DO NOT USE AS A POU MAP. OBSOLETE. WR
New map from Churchill County requested 10/9/2007 MET

76356
73635
73003
73002
73001
73000

72426 72404 71860 69323 68631T 49800 49799 49798 49797 49796 49795 49794 49207 49206 49205 49204 49203 49202 49201 49200



BASIS OF BEARING
GLO PLAT MAP (1969)
NORTH LINE SEC. 28, T 18 N,
R 34 E, MDB&M SHOWN AS WEST.

STATE OF NEVADA
COUNTY OF LYON ss

I, ROBERT D. MILLARD, BEING FIRST DULY SWORN, DEPOSE AND SAY THAT THIS MAP, CONSISTING OF 2 SHEETS NUMBERED FROM 1 TO 2 INCLUSIVE, HAVE BEEN CORRECTLY DRAWN TO THE DESIGNATED SCALE FROM FIELD NOTES OF A SURVEY MADE UNDER MY SUPERVISION AND DIRECTION BETWEEN THE 15TH DAY OF NOVEMBER AND THE 23RD DAY OF NOVEMBER, 1985; THAT IT TRULY AND CORRECTLY REPRESENTS THE PROPOSED LOCATION AND EXTENT OF THE WORKS USED TO DIVERT WATER FROM AN UNDERGROUND SOURCE IN CHURCHILL COUNTY, BY TIMOTHY J. DURBIN, FOR QUASI-MUNICIPAL PURPOSES. THAT THE PROPOSED POINT OF DIVERSION, THE APPROXIMATE LOCATION AND SIZE OF DIVERTING CHANNEL, ALL RESERVOIRS OR BASINS, THE LOCATION AND NAMES OF ALL OTHER WORKS WHICH WILL CROSS OR CONNECT WITH THE PROPOSED WORKS, AND THE BOUNDARY OF ALL LANDS, TO BE SERVED ARE FULLY AND CORRECTLY DESIGNATED THEREON.

Robert D. Millard
STATE WATER RIGHT SURVEYOR Nº 215.

SUBSCRIBED AND SWORN TO BEFORE ME
THIS 26th DAY OF November, 1985.

NOTARY PUBLIC IN AND FOR Lyon COUNTY, NEVADA.

ANALISA M. DAVIS
Notary Public - State of Nevada
Appointment Recorded in Lyon County
My Appointment Expires April 4, 1986

Analisa M. Davis

0 400 800 1200 1600
SCALE 1" = 400'

FILED
NOV 27 1985
STATE ENGINEER'S OFFICE

MAP
TO ACCOMPANY APPLICATION Nº 49200
TO APPROPRIATE WATER FOR QUASI-MUNICIPAL PURPOSES
BY: TIMOTHY J. DURBIN
FROM: AN UNDERGROUND SOURCE
IN: CHURCHILL COUNTY, NEVADA.

79615 49200

PREPARED BY:
LIAHONA ENGINEERING
P.O. BOX 1069, FERNLEY, NV.
1-702-575-2563

State of Nevada
Division of Water Resources

Site Search

Permit Information

New Search

App/Permit: 49800
Status: READY FOR ACTION
Certificate: None

General | Maps & Due Dates | Place of Use | Abrogations/Protests/Rulings | Ownership and Title

Current Ownership Information

(NOTE: Owner names shown here are standardized for retreival purposes only. Verify legal names before submitting any new documentation.)

Owner	Type	Div Rate	Duty	Acres	Change By	APN	County	Description
CHURCHILL COUNTY	C	0	0	0				

Confirmed By:
Effective Date:

Original Owners

Owner
DURBIN, TIMOTHY J.

Remarks

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

PERMIT 49802/CERTIFICATE 12905

BASIN: Dixie Valley (128) **COUNTY:** Churchill

LATITUDE: 39.965648 **LONGITUDE:** -117.854899

OWNERSHIP:	Terra Gen Dixie Valley, LLC
PRIORITY DATE:	7/25/1980
SOURCE DESCRIPTION:	GEO
POINT OF DIVERSION:	SE¼NE¼ Section 7, T.24N., R.37E., M.D.M.
MANNER OF USE:	IND
USE UNITS:	
DIVERSION RATE:	3.25 CFS
ALLOWED DUTY:	2266.00 AFA
PERIOD OF USE:	1/01-12/31
STATUS:	CER
DUE DATES:	None
REMARKS:	

POD PARCEL:	Churchill County APN No. 005-291-01
POD PARCEL OWNER:	Bureau of Land Management
POU PARCEL:	Churchill County APN No. 005-291-01
POU PARCEL OWNER:	Bureau of Land Management

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

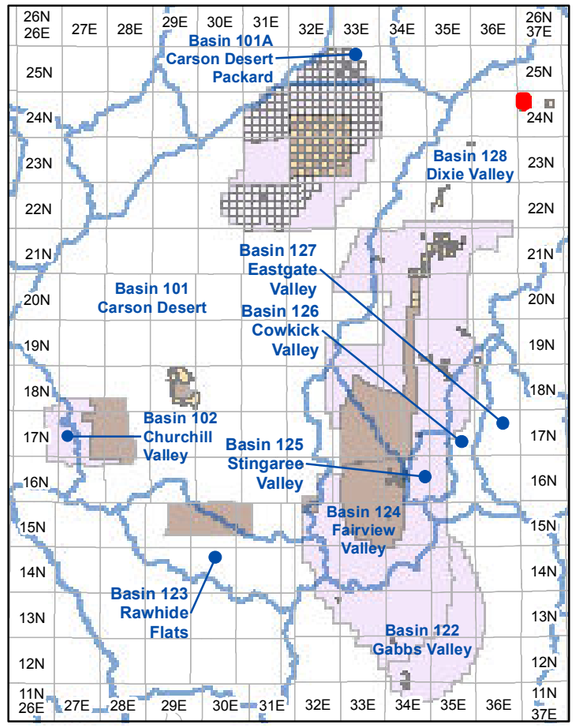
Permit 49802/Certificate 12905

The current owner of Permit 49802/Certificate 12905 is Terra Gen Dixie Valley, LLC. The permit was approved by the State Engineer on November 21, 1986 and was issued Certificate 12905 on July 26, 1991. It has a priority date of July 25, 1980 and a total duty of 2266.00 acre-feet annually with an allowed diversion rate of 3.25 CFS permitted for industrial purposes. The allowed period of use is from January 1 to December 31.

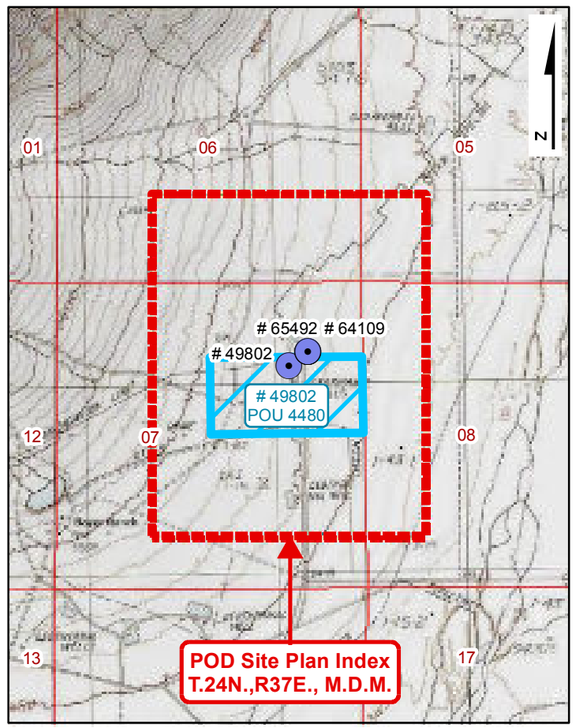
The point of diversion is located within the SE¼NE¼ Section 7, T24N, R37E, MDM. The permitted place of use is in the Dixie Valley Basin within Churchill County APN 005-291-01 under the ownership of the Bureau of Land Management and is more specifically listed in the table below.

QQ	Q	Section	Township	Range	Units
S2	NE	7	24N	37E	
NE	SE	7	24N	37E	

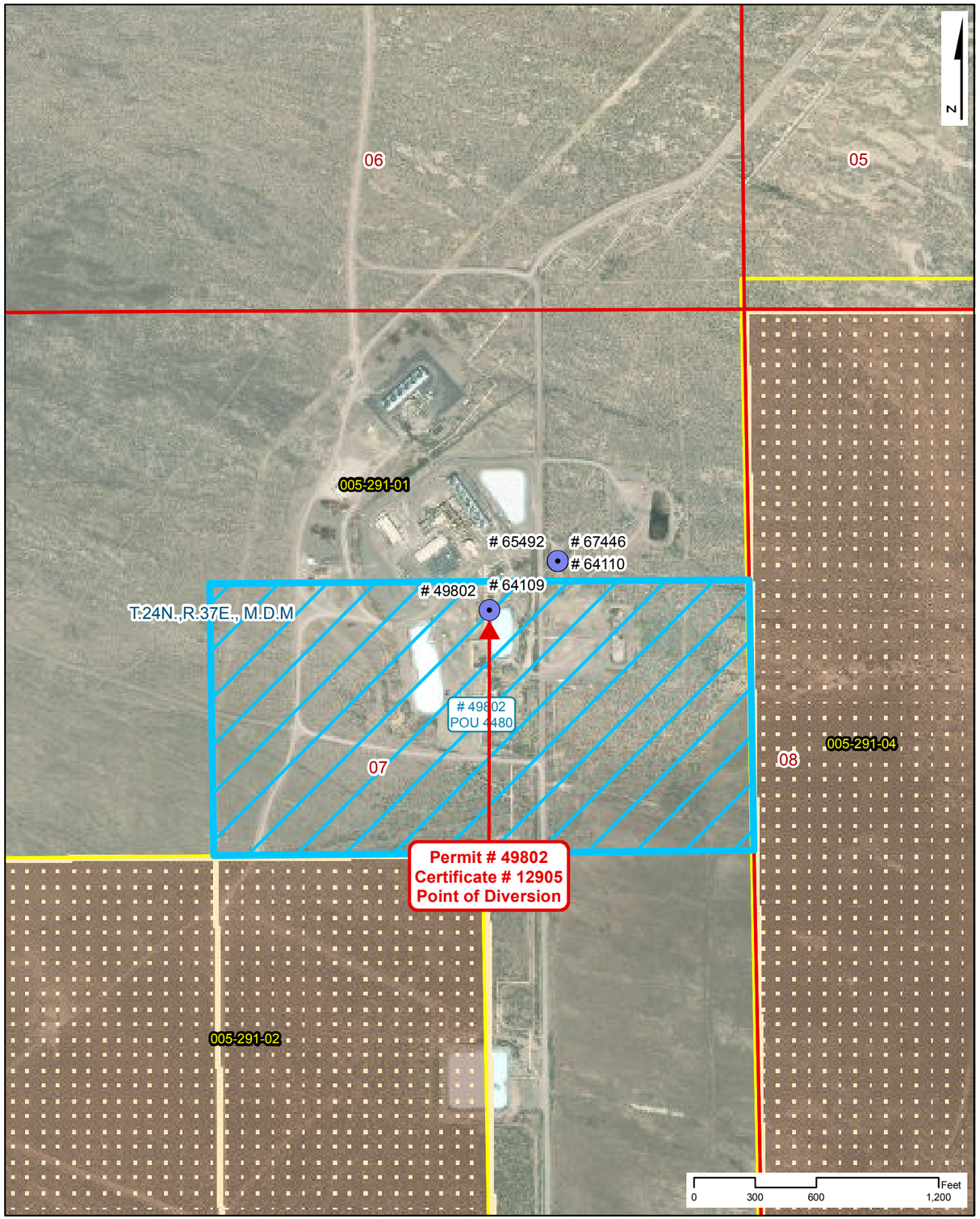
Permit 49802/Certificate 12905 is currently in good standing with the NDWR with no further action required.



Township and Range Index
Scale: 1" = 20 Miles



USGS Quadmap Site Plan Index
Scale: 1" = 1/2 Mile



Point of Diversion Site Plan
Scale: 1" = 600'

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631

WATER RIGHTS RESEARCH INVENTORY SERVICES

PERMIT: 49802 **CERTIFICATE: 12905**

BASIN: Dixie Valley (128) **COUNTY: Churchill**
LATITUDE: 39.965648 **LONGITUDE: -117.854899**
POINT OF DIVERSION: **SE1/4,NE1/4, Section 7, T.24N.,R37E., M.D.M.**
PLACE OF USE (DWR Polygon ID): **4480**
PERMIT LAND CATEGORY: **Existing Lands Privately Held**

OWNERSHIP

Terra Gen Dixie Valley, LLC

PRIORITY DATE: **7/25/1980**
PERMIT DATE: **11/21/1986**
CERTIFICATE DATE: **7/26/1991**
DUE DATE: **None**

USE UNITS

SOURCE DESCRIPTION: **Geothermal**
MANNER OF USE: **Industrial**
DIVERSION RATE: **3.25 CFS**
ALLOWED DUTY: **2,266.000 AFA**
PERIOD OF USE: **01/01-12/31**

GIS PARCEL DATA

A.P.N. 005-291-01, CHURCHILL COUNTY
BUREAU OF LAND MANAGEMENT

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
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- Mining & Milling
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- Other
- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

R O Anderson

PERMIT: 49802
CERTIFICATE: 12905

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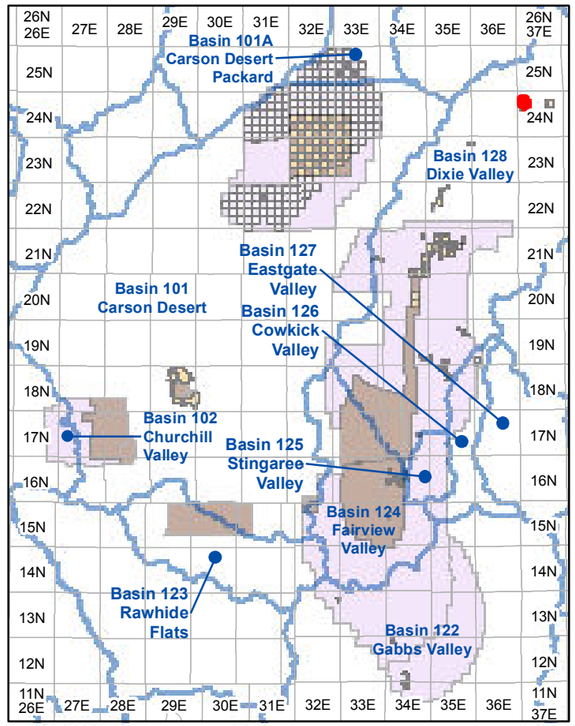
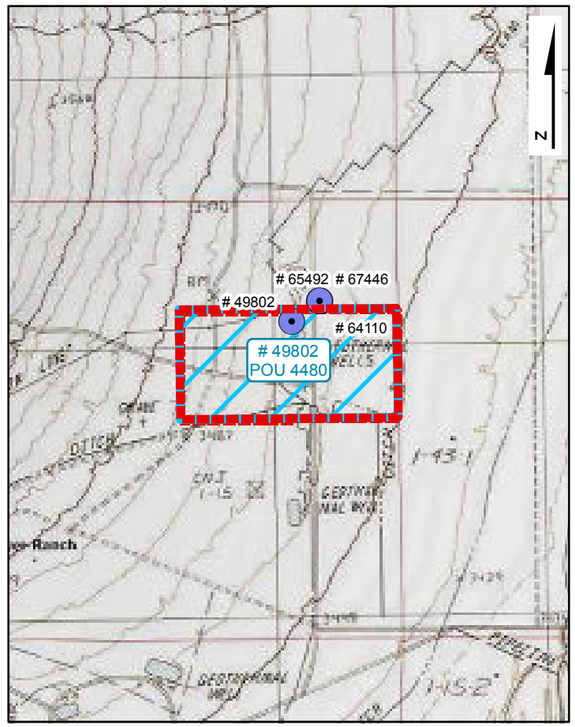
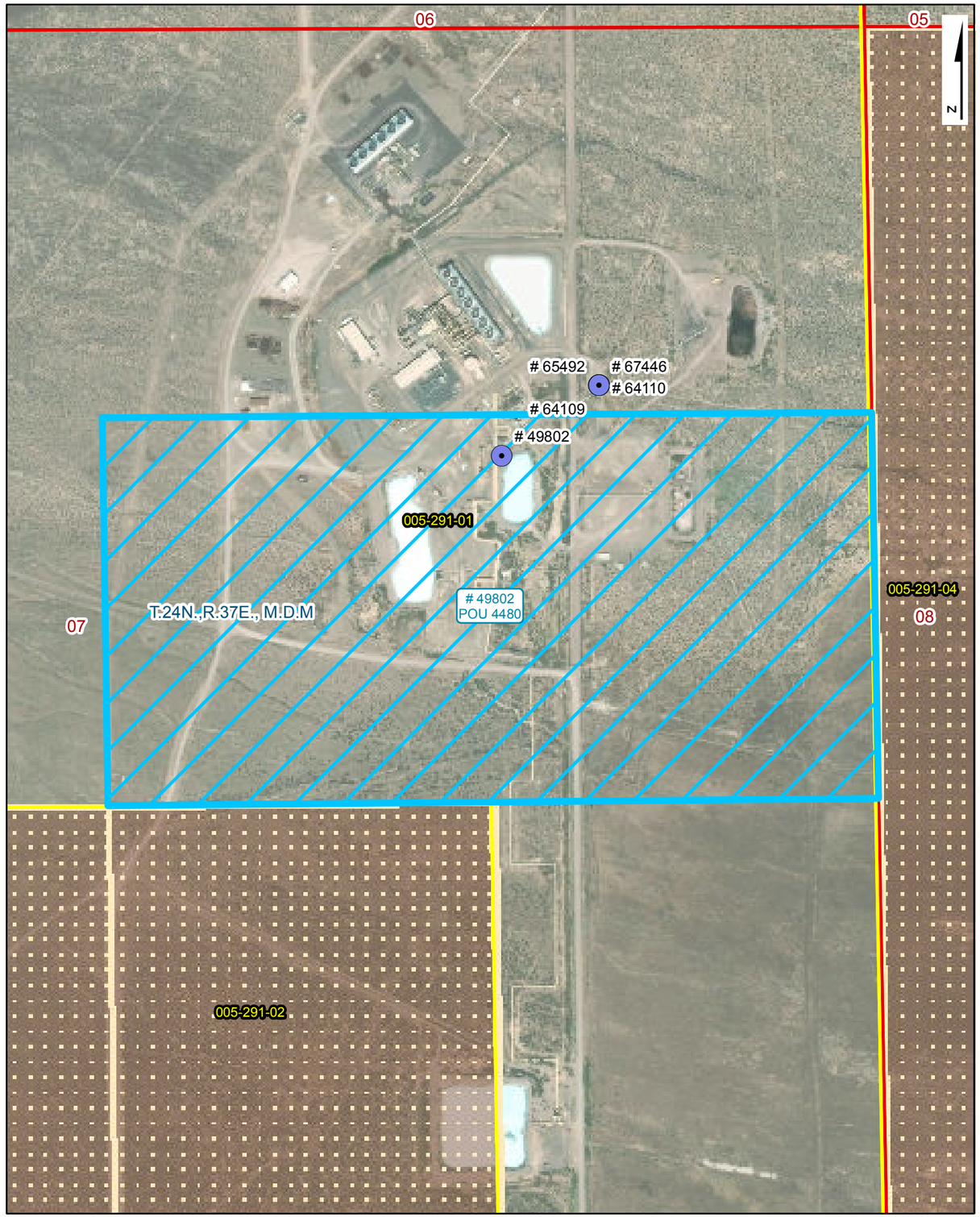
Product of R.O. Anderson Engineering, Inc. -=- Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_POU_Maps.mxd -=- GIS Specilist: Eric Herron -=- Publication Date: 10/5/2019 10:45:20 AM



Township and Range Index



USGS Quadmap Site Plan Index



Place of Use Site Plan

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH INVENTORY SERVICES

DIVISION OF WATER RESOURCES PLACE OF USE GIS DATA

WATER RIGHT: 49802 **DWR POLYGON ID: 4480**

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index

- Township Range Grid
- Hydrographic Basins

Existing Navy Lands

- Withdrawan
- Non Federal
- Navy Owned

Proposed Navy Lands

- Proposed Withdrawal Expansion
- Non Federal

Point of Diversion Manner of Use

- As Decreed
- Commercial
- Domestic
- Environmental
- Industrial
- Irrigation
- Mining & Milling
- Municipal
- Other
- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

R|O Anderson

WATER RIGHT: 49802
DWR POLYGON ID: 4480

ASSIGNED

AMENDED Serial No. 49[illegible]2

APPLICATION FOR PERMISSION TO CHANGE POINT OF DIVERSION, MANNER OF USE AND PLACE OF USE OF THE PUBLIC WATERS OF THE STATE OF NEVADA HERETOFORE APPROPRIATED

Date of filing in State Engineer's Office MAR 3 1 1986

Returned to applicant for correction APR 2 1 1986

Corrected application filed MAY 1 4 1986 Map filed MAY 1 4 1986

The applicant Oxbow Geothermal Corporation

200 S. Virginia St, Suite 450 (Street and No. or P.O. Box No.) of Reno (City or Town)

Nevada 89501 (State and Zip Code No.) hereby make S. application for permission to change the

point of diversion, place and manner of use (Point of diversion, manner of use, and/or place of use)

of water heretofore appropriated under Permit #41905 (Identify existing right by Permit, Certificate, Proof or Claim Nos. If Decreed, give title of Decree and identify right in Decree.)

1. The source of water is Dixie Valley Geothermal Reservoir (underground) (Name of stream, lake, underground spring or other source.)
2. The amount of water to be changed 3.25 second-feet (Second feet, acre feet. One second foot equals 448.83 gallons per minute.)
3. The water to be used for generation of electric power (Irrigation, power, mining, industrial, etc. If for stock state number and kind of animals.)
4. The water heretofore permitted for Industrial, for heating purposes (Irrigation, power, mining, industrial, etc. If for stock state number and kind of animals.)
5. The water is to be diverted at the following point SE¼ NE¼ Sec. 7, T24N R37E MDB&M, from said (Describe as being within a 40-acre subdivision of public survey and by course and distance to a section corner. If on unsurveyed land, it should be stated.) point the SW Corner of Section 7, T24N R37E, MDB&M bears S 46° 08' 11" W a distance of 5585.09 ft.
6. The existing permitted point of diversion is located within SW¼ SE¼ Section 13 T24N R36E MDB&M, (If point of diversion is not changed, do not answer.) or at a point from which the northwest corner of Section 5 T24N R37E MDB&M bears N 23° 48' 22" E a distance of 16,170.6 ft.
7. Proposed place of use S½ NE¼ and NE¼ SE¼ Sec. 7 T24N R37E MDB&M (Describe by legal subdivisions. If for irrigation state number of acres to be irrigated.)
8. Existing place of use Section 32 T25N R37E MDB&M; Sections 4, 5, 6, 7, 8, 17, 18, 19, (Describe by legal subdivisions. If permit is for irrigation, state number of acres irrigated. If changing place of use and/or manner of use of irrigation permit, describe acreage to be removed from irrigation.) 20, 21, T24N R37E MDB&M; Sections 12, 13, 24, T24N R36E MDB&M.
9. Use will be from January 1 (Month and Day) to December 31 (Month and Day) of each year.
10. Use was permitted from January 1 (Month and Day) to December 31 (Month and Day) of each year.
11. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) Geothermal well drilled to approximately 10,000' and cased with cement to approximately 8000'. (State manner in which water is to be diverted, i.e. diversion structure, ditches, pipes and flumes, or drilled well, etc.)
12. Estimated cost of works $1.7 million
13. Estimated time required to construct works 3 months

14. Estimated time required to complete the application of water to beneficial use 3 years

15. Remarks: For use other than irrigation or stock watering, state number and type of units to be served or annual consumptive use.

Drilling plan is attached. Proposed well is to be tied into 50 MWe power plant to be constructed in Dixie Valley by Oxbow Geothermal Corporation. An estimated 2352 acre feet per year will be withdrawn. Oxbow is developing a reinjection plan to return 75% of that amount to the reservoir.

By s/Lori L. Olsen
200 S. Virginia St., Suite 450
Reno, NV 89501

Compared js/se js/se

Protested

APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This permit to change the point of diversion, manner of use and place of use of the waters of an underground source as heretofore granted under Permit 41905 is issued subject to the terms and conditions imposed in said Permit 41905 and with the understanding that no other rights on the source will be affected by the change proposed herein. This source is located within an area designated by the State Engineer pusuant to NRS 534.030. The State retains the right to regulate the use of geothermal fluid herein granted at any and all times.

It is understood that the amount of geothermal fluid herein granted is only a temporary allowance and that the final right obtained under this permit will be dependent upon the amount actually placed to beneficial use. It is also understood that this right must allow for a reasonable decrease of fluid pressure and heat. The well shall be equipped and maintained to prevent any waste of the geothermal fluid. Accurate measurements must be kept of discharge of the production well and the amount of fluid injected into the injection well to determine the total amount of fluid diverted and consumed for a beneficial use.

(CONTINUED ON Page 2)

The amount of water to be changed shall be limited to the amount which can be applied to beneficial use, and not to exceed 3.25 cubic feet per second

Work must be prosecuted with reasonable diligence and be completed on or before November 21, 1989

Proof of completion of work shall be filed before December 21, 1989

Application of water to beneficial use shall be made on or before November 21, 1992

Proof of the application of water to beneficial use shall be filed on or before December 21, 1992

Map in support of proof of beneficial use shall be filed on or before

Completion of work filed APR 06 1988

Proof of beneficial use filed 5-26-89

Cultural map filed

Certificate No. 12905 Issued JUL 26 1991

IN TESTIMONY WHEREOF, I PETER G. MORROS, State Engineer of Nevada, have hereunto set my hand and the seal of my office, this 21st day of November, A.D. 1986

State Engineer

2407 (Rev. 6-81)

(PERMIT TERMS CONTINUED)

The production and injection well are to be cemented from the producing levels to the surface to protect fresh water zones. This permit is issued subject to the condition that only geothermal fluids are to be diverted and used beneficially for heating purposes and fresh, cold water aquifers are not to be diverted. The used geothermal fluids are to be returned to the source via the injection well. The issuance of this permit does not waive the requirements that the permit holder obtain other permits from State, Federal and local agencies. A detailed log on the injection well and/or other analyses of the system used for returning the used geothermal fluids to the source must be submitted together with the Proof of Completion.

An annual report for this well must be filed under this permit describing the amount of geothermal fluid diverted and consumed to a beneficial use for the calendar year. This report must detail the amount of fluid produced and injected.

The total withdrawal of the geothermal fluid shall be limited to 2,353 acre-feet per year but the total consumptive use of the geothermal fluid is limited to only incidental fluid losses in the system and in no case shall it amount to more than 10% of the volume withdrawn annually. The State Engineer does not waive the right to make a determination of incidental fluid losses at any time and impose additional conditions thereto. This permit is further issued subject to the provisions of NRS 533.372(1) and with the understanding that the power or energy generated by the beneficial use of this water or steam is subject to recapture and use within the boundaries of the State of Nevada when the need arises.

This Permit does not extend the permittee the right of ingress and egress on public, private or corporate lands.

The total combined consumptive duty of geothermal fluid under Permits 36931, 41892, 41914, 41920, 41923, 41929, 43050, 43051, 43052, 43557, 46951, 47142, 47322, 47323, 48932, 48933, 48934, 48935, 49572, 49573, 49574, 49644, 49802, 49803 and 49806 shall not exceed 10,704 acre-feet annually.

THE STATE OF NEVADA

CERTIFICATE OF APPROPRIATION OF WATER

~ ~ ~ ~ ~

WHEREAS, Lori Orser, Agent has presented to the State Engineer of the State of Nevada Proof of Application of Water to Beneficial Use, from an Underground Source (aka Well No. 73-7) through a drilled well and distribution system for Industrial (Geothermal Power Generation) purposes. The point of diversion of water from the source is as follows:

> **SE1/4 NE1/4 Section 7, T.24N., R.37E., M.D.B.&M. or at a point from which the SW corner of said Section 7 bears S. 46° 08' 11" W., a distance of 5,585.09 feet situated in Churchill County, State of Nevada.**

NOW KNOW YE, That the State Engineer, under the provisions of NRS 533.425, has determined the date, source, purpose, amount of appropriation, and the place where such water is appurtenant, as follows:

Name of appropriator:	**Oxbow Geothermal Corporation**
Source:	**Underground (aka Well No. 73-7)**
Manner of Use:	**Industrial (Geothermal Power Generation)**
Amount of appropriation:	**3.25 c.f.s. not to exceed a total withdrawal of 2,266.00 acre-feet per annum**
Period of use:	**January 1st to December 31st of each year**
Date of priority of appropriation:	***July 25, 1980**

Description of the works of diversion, manner and place of use:

Water is diverted by means of a drilled well, 8,900 feet deep, 13 3/8 inch casing, thence through the plant's distribution system including piping, high pressure and/or low pressure separators, a turbine and condensor, and/or a cooling tower. Geothermal fluid is utilized for the generation of power. The used geothermal fluid is to be returned to the source via injection well(s). The place of use is located within the S1/2 NE1/4, Section 7, T.24N., R.37E.

***This certificate changes the point of diversion, place of use and manner of use of Permit 41905, therefore, the date of priority remains the same as Permit 41905.**

The total combined withdrawal of geothermal fluid under any certificates issued under Permit Numbers 41929, 49573, 49802, 49803, 51029, 51030, 51031, 51032, 51033, 51034, 51035, 51036, 52411 and 52412 shall not exceed 16,024.00 acre-feet annually.

The total combined consumptive use of geothermal fluid under any certificates issued under Permit Numbers 41929, 46951, 47142, 47322, 47323, 48932, 48933, 48934, 48935, 49572, 49573, 49644, 49802, 49803, 50753, 51029, 51030, 51031, 51032, 51033, 51034, 51035, 51036, 52411, 52412, 52951, 43050 and 43052 shall not exceed 10,704.0 acre-feet annually.

continued

The total combined diversion rate and duty under any certificates issued for Permits 49802 and 51036 shall not exceed 5.16 c.f.s., nor 2,266.0 acre-feet annually.

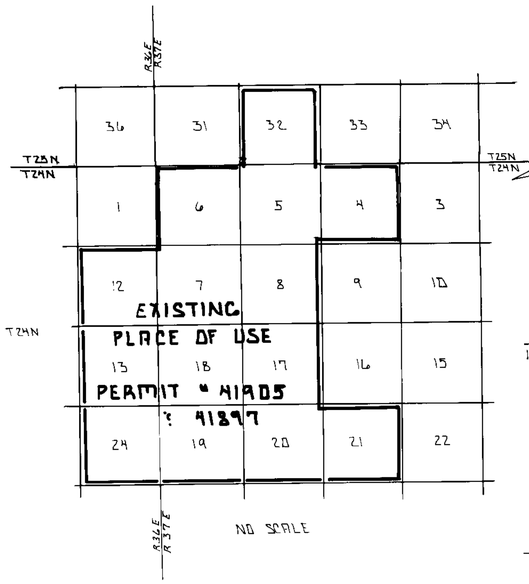
This certificate is issued subject to the terms of the permit.

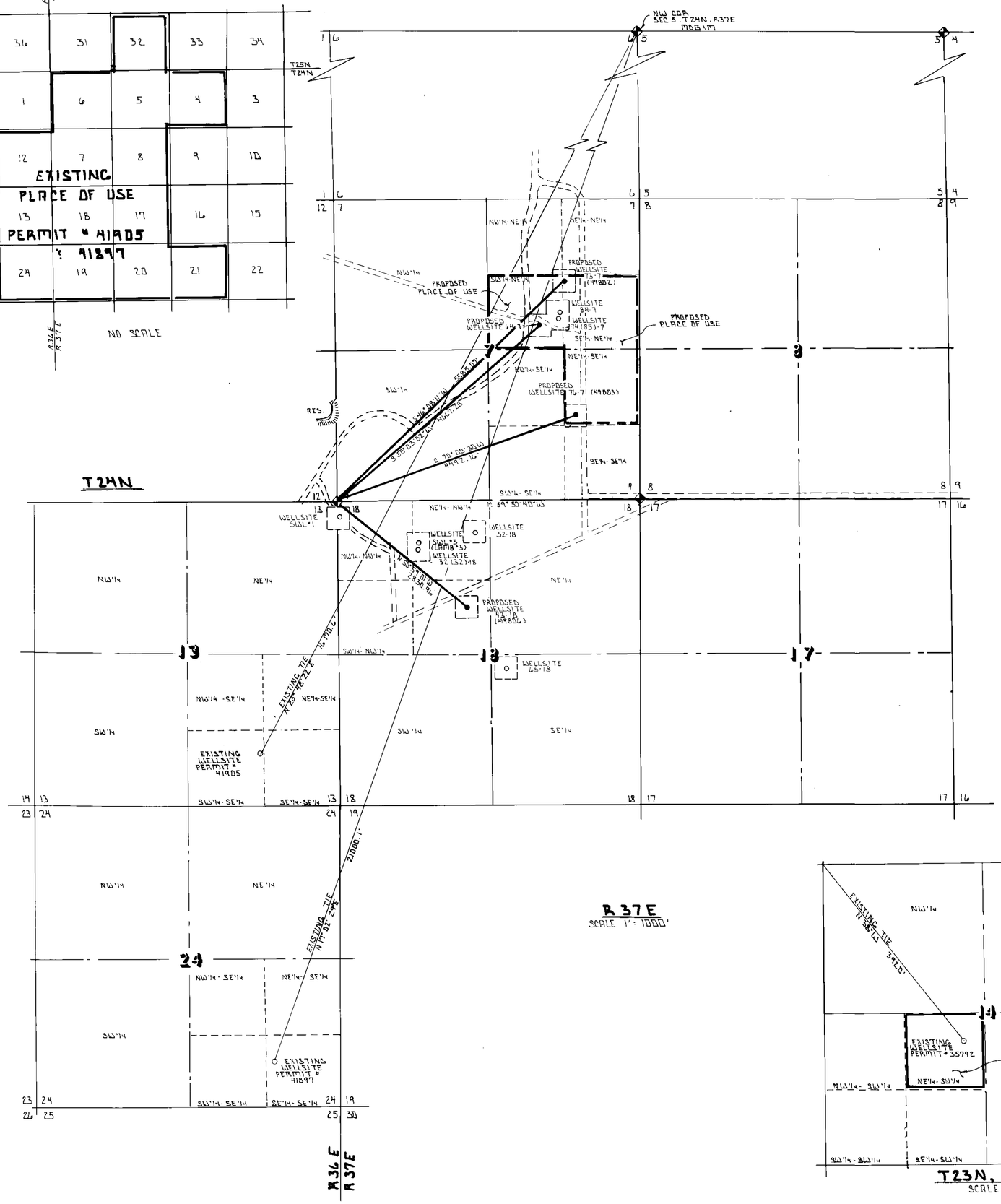
The right to water hereby determined is limited to the amount which can be beneficially used, not to exceed the amount above specified, and the use is restricted to the place and for the purpose as set forth herein.

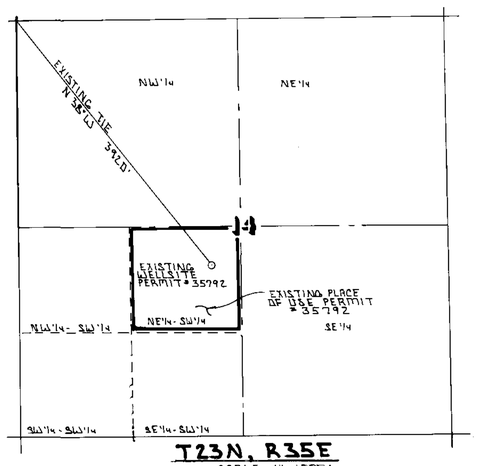
IN TESTIMONY WHEREOF, I R. MICHAEL TURNIPSEED, State Engineer of Nevada, have hereunto set my hand and the seal of my office, this 26TH day of JULY, A.D. 19 91.

R. Michael Turnipseed P.E.
State Engineer

bk/vjw







STATE OF NEVADA }
COUNTY OF CHURCHILL } SS

I LOWELL D EMERY BEING FIRST DULY SWORN DEPOSE AND SAY THAT THIS MAP CONSISTING OF ONE SHEET NUMBERED FROM 1 TO 1 INCLUSIVE HAS BEEN CORRECTLY DRAWN THE DESIGNATED SCALE FROM FIELD NOTES OF A SURVEY MADE BY ME BETWEEN THE 7TH DAY OF MARCH AND THE 7TH DAY OF MARCH 1986 THAT IT TRULY AND CORRECTLY REPRESENTS THE LOCATION OF THE WORKS USED TO DIVERT WATER FROM AN UNDERGROUND SOURCE IN CHURCHILL COUNTY BY

OXBOW GEOTHERMAL CORPORATION
APPLICANT

FOR THE PURPOSE OF GENERATION OF ELECTRICAL POWER THE PROPOSED POINT OF DIVERSION PROPOSED WELL SITES ARE FULLY AND CORRECTLY DESIGNATED THEREON

Lowell D. Emery
LOWELL D EMERY RLS 1251 SWRS 536

SUBSCRIBED AND SWORN TO BEFORE ME THIS 13TH DAY OF MARCH 1986 A NOTARY PUBLIC IN AND FOR CHURCHILL COUNTY NEVADA.

Tracy Larkin
NOTARY PUBLIC

N

BASIS OF BEARING

THE NORTH LINE OF SECTION 18, T24N, R37E, MDB&M - N 89° 50' 40" W

12905 7-26-91

12906 7-26-91

LEGEND

- PROPOSED WELL SITE
- EXISTING WELL SITES
- FOUND B.L.M. PIPE & CAP 1/4 CORNERS
- FOUND B.L.M. PIPE & CAP SECTION CORNERS
- 350' x 350' PAD AROUND WELL SITE

SCALE 1" = 1000 FT.

0 1000 2000 3000 4000 5000 6000

AMENDED

FILED
MAY 14 1986
STATE ENGINEER'S OFFICE

EMERY & ASSOCIATES

MAP TO ACCOMPANY APPLICATIONS TO CHANGE THE POINT OF DIVERSION THE MANNER AND PLACE OF USE PERMITS NO. 41905, 41897, 35792

BY: OXBOW GEOTHERMAL CORPORATION

FROM: AN UNDERGROUND SOURCE

DRAWN BY: T.D. LARKIN DATE: MARCH 12, 1986 SCALE: 1" = 1000 FT.	SURVEYED BY: LOWELL D EMERY SWRS 536 P.O. BOX 84 FALLON, NEVADA 89406

49806 49803 49802

State of Nevada
Division of Water Resources

Site Search

Permit Information

New Search

App/Permit: 49802
Status: CERTIFICATE
Certificate: 12905

General | Maps & Due Dates | Place of Use | Abrogations/Protests/Rulings | Ownership and Title

Current Ownership Information

(NOTE: Owner names shown here are standardized for retreival purposes only. Verify legal names before submitting any new documentation.)

Owner	Type	Div Rate	Duty	Acres	Change By	APN	County	Description
TERRA GEN DIXIE VALLEY LLC	C	3.25	2266	0			CHURCHILL	ENCUMBERED

Confirmed By: DZ
Effective Date: 1/6/2010

Original Owners

Owner
OXBOW GEOTHERMAL CORPORATION

Remarks

TOTAL CONSUMPTIVE DUTY OF GEOTHERMAL FLUIDS UNDER PERMITS 36931 4189241914 41920 41923 41929 43050-52 43557 46951 47142 47322-23 48932-35 49572-74 49644 49802-03 49806 SHALL NOT EXCEED 10,704 AFA. ENCUMBERED BY: JP MORGAN CHASE BANK, N.A.

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

PERMIT 54127/CERTIFICATE 16925

BASIN: Dixie Valley (128) **COUNTY:** Churchill

LATITUDE: 39.570636 **LONGITUDE:** -118.126149

OWNERSHIP:	Plouviez, Paul and Shizuko Shimanda
PRIORITY DATE:	10/27/1989
SOURCE DESCRIPTION:	Underground – Dixie Wash Well
POINT OF DIVERSION:	SE¼NW¼ Section 26, T.20N., R34E., M.D.M.
MANNER OF USE:	STK
USE UNITS:	541 Cattle
PLACE OF USE:	SE¼NW¼ Section 26, T.20N., R34E., M.D.M.
DIVERSION RATE:	0.016 CFS
ALLOWED DUTY:	12.12 AFA
PERIOD OF USE:	01/01 – 12/31
STATUS:	Certificated
DUE DATES:	None
REMARKS:	Total Combined Duty Permit 54127/Certificate 16925 and Permit 80934/Certificate 19568 not to exceed 12.12 AFA, or 541 cattle Encumbered

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POD PARCEL:	Churchill County APN 003-471-01
POD PARCEL OWNER:	Bureau of Land Management
POU PARCEL:	Churchill County APN 003-471-01
POU PARCEL OWNER:	Bureau of Land Management

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

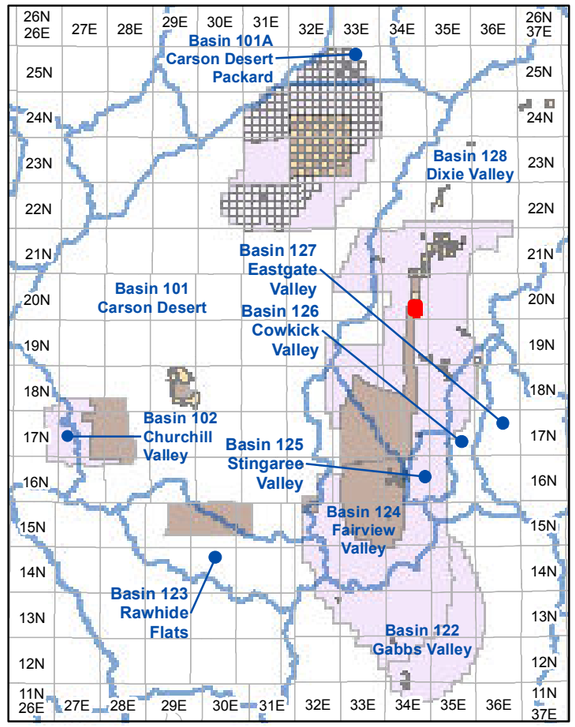
Permit 54127/Certificate 16925

The current owners of Permit 54127/Certificate 16925 are Paul Plouviez and Shizuko Shimanda. The permit was approved by the State Engineer on June 11, 1992 and was issued Certificate 16925 on January 28, 2008. It has a priority date of October 27, 1989 and a total duty of 12.12 acre-feet annually with an allowed diversion rate of 0.016 CFS permitted for stock watering purposes sufficient to water 541 cattle. The allowed period of use is January 1 through December 31.

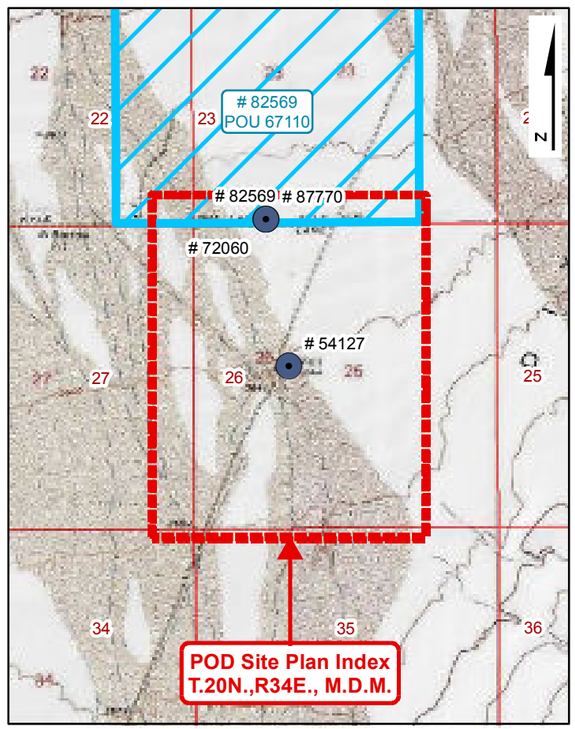
The point of diversion is located within the SE¼NW¼ of Section 26, Township 20N, Range 34E, MDM. The permitted place of use is in the Dixie Valley Basin, Dixie Valley Allotment 03018 within Churchill County APN 003-471-01 under the ownership of the Bureau of Land Management and is more specifically listed in the table below.

QQ	Q	Section	Township	Range	Acres
SE	NW	26	20N	34E	

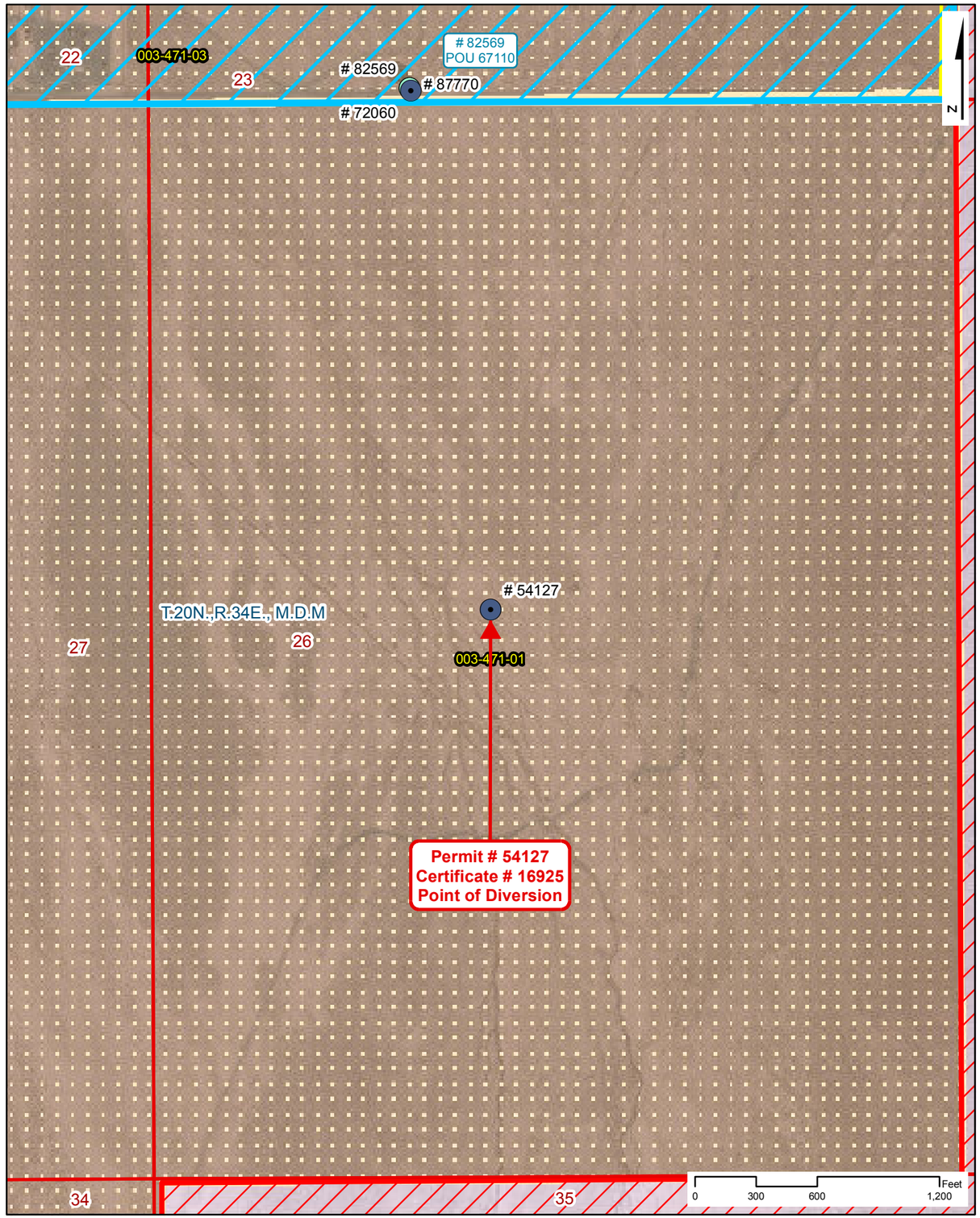
Permit 54127/Certificate 16925 is currently in good standing with the NDWR with no further action required.



Township and Range Index
Scale: 1" = 20 Miles



USGS Quadmap Site Plan Index
Scale: 1" = 1/2 Mile



Point of Diversion Site Plan
Scale: 1" = 600'

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631

WATER RIGHTS RESEARCH INVENTORY SERVICES

PERMIT: 54127 **CERTIFICATE: 16925**

BASIN: Dixie Valley (128) **COUNTY: Churchill**
LATITUDE: 39.570636 **LONGITUDE: -118.126149**
POINT OF DIVERSION: **SE1/4,NW1/4, Section 26, T.20N.,R34E., M.D.M.**
PLACE OF USE (DWR Polygon ID): **N/A**
PERMIT LAND CATEGORY: **Existing Lands Privately Held**

OWNERSHIP

Paul Plouviez & Shizuko Shimanda

PRIORITY DATE: **10/27/1989**
PERMIT DATE: **6/11/1992**
CERTIFICATE DATE: **1/28/2008**
DUE DATE: **None**

USE UNITS

541 Cattle

SOURCE DESCRIPTION: **Underground**
MANNER OF USE: **Stock-Watering**
DIVERSION RATE: **0.016 CFS**
ALLOWED DUTY: **12.120 AFA**
PERIOD OF USE: **01/01-12/31**

GIS PARCEL DATA

A.P.N. 003-471-01, CHURCHILL COUNTY
BUREAU OF LAND MANAGEMENT

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index

- Township Range Grid
- Hydrographic Basins

Existing Navy Lands
- Withdrawan
- Non Federal
- Navy Owned

Proposed Navy Lands
- Proposed Withdrawal Expansion
- Non Federal

Point of Diversion Manner of Use

- As Decreed
- Commercial
- Domestic
- Environmental
- Industrial
- Irrigation
- Mining & Milling
- Municipal
- Other
- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

R O Anderson

PERMIT: 54127
CERTIFICATE: 16925

Product of R.O. Anderson Engineering, Inc. -= Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_Permit_Certificate_Maps.mxd -= GIS Specilist: Eric Herron -= Publication Date: 10/5/2019 10:46:01 AM

№ 54127

APPLICATION FOR PERMIT
TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

Date of filing in State Engineer's Office OCT 27 1989

Returned to applicant for correction

Corrected application filed

Map filed OCT 27 1989

The applicant GARY SNOW LIVESTOCK & GRAIN AND USDI BUREAU OF LAND MANAGEMENT.

1535 HOT SPRINGS RD. SUITE 300 (Street and No. or P.O. Box No.), of CARSON CITY, NEVADA (City or Town),

NEVADA 89706 (State and Zip Code No.), hereby make.... application for permission to appropriate the public waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.)

---

1. The source of the proposed appropriation is DIXIE WASH WELL
   (Name of stream, lake, spring, underground or other source)

2. The amount of water applied for is 0.0167 second-feet
   (One second-foot equals 448.83 gals. per min.)

   (a) If stored in reservoir give number of acre-feet

3. The water to be used for STOCKWATERING & DOMESTIC
   (Irrigation, power, mining, manufacturing, domestic, or other use. Must limit to one use.)

4. If use is for:

   (a) Irrigation, state number of acres to be irrigated

   (b) Stockwater, state number and kinds of animals to be watered 541 HEAD CATTLE

   (c) Other use (describe fully under "No. 12. Remarks")

   (d) Power:

      (1) Horsepower developed

      (2) Point of return of water to stream

5. The water is to be diverted from its source at the following point WITHIN THE SE¼ NW¼ SEC 26, T.20N., R.34E., M.D.B.&M., NEVADA OR AT A POINT FROM WHICH THE N¼ CORNER OF SEC. 26, T.20N., R.34E. M.D.B.&M., BRS. N20°22'E A DISTANCE OF 2,684.41 FEET DISTANCE.
   (Describe as being within a 40-acre subdivision of public survey, and by course and distance to a section corner. If on unsurveyed land, it should be so stated.)

6. Place of use SE¼ NW¼ SEC. 26, T.20N., R.34E., M.D.B.&M., NEVADA.
   (Describe by legal subdivision. If on unsurveyed land, it should be so stated.)

7. Use will begin about JAN. 1st (Month and Day) and end about DEC. 31st (Month and Day), of each year.

8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) 6" CASED WELL WITH PUMP JACK AND A 500 GALLON (AIRCRAFT ENGINE CRATE) IRON TROUGH.
   (State manner in which water is to be diverted, i.e. diversion structure, ditches and flumes, drilled well with pump and motor, etc.)

9. Estimated cost of works $2500

10. Estimated time required to construct works 6" CASED WELL.
If well completed, describe works.

11. Estimated time required to complete the application of water to beneficial use ONE YEAR

12. Remarks: For use other than irrigation or stock watering, state number and type of units to be served or annual consumptive use.

By s/James W. Elliott
1535 HOT SPRINGS ROAD SUITE 300
CARSON CITY, NEVADA 89706

Compared bk/db ap/se

Protested

APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the followng limitations and conditions:

This permit is issued subject to all existing rights on the source. It is understood that the amount of water herein granted is only a temporary allowance and that the final water right obtained under this permit will be dependent upon the period of use and the average number of livestock served from the waters of this source. It is further understood that this right must allow for a reasonable lowering of the static water level at permittee's well due to any other ground water development in the area. The well shall be equipped with a 2-inch opening for measuring depth to water. If well is flowing, a valve must be installed and maintained to prevent waste. The State retains the right to regulate the use of the water herein granted at any and all times but does not take responsibility for the use of the Federal range.

This permit does not extend the permittee the right of ingress and egress on public, private or corporate lands.

The issuance of this permit does not waive the requirements that the permit holder obtain other permits from State, Federal and local agencies.

This permit is issued with the express understanding and on the condition that existing grazing use of the public range by authorized users or permittees will not be impaired or adversely affected by approval and issuance of this permit.

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed 0.0167 cubic feet per second , or sufficient to water 541 head of cattle.

Work must be prosecuted with reasonable diligence and be completed on or before June 11, 1993

Proof of completion of work shall be filed on or before July 11, 1993

Application of water to beneficial use shall be made on or before June 11, 1995

Proof of the application of water to beneficial use shall be filed on or before July 11, 1995

Map in support of proof of beneficial use shall be filed on or before N/A

Completion of work filed AUG 5 - 1993

Proof of beneficial use filed

Cultural map filed

Certificate No. Issued

IN TESTIMONY WHEREOF, I R. MICHAEL TURNIPSEED, P.E. State Engineer of Nevada, have hereunto set my hand and the seal of my office, this 11th day of June, A.D. 19 92

State Engineer

(O)-5314 (Rev.)

Permit No. **54127** Certificate No. **16925** Book **79** Page **16925**

THE STATE OF NEVADA

CERTIFICATE OF APPROPRIATION OF WATER

~ ~ ~ ~ ~

WHEREAS, John Singlaub, Agent, has presented to the State Engineer of the State of Nevada, Proof of Application of Water to Beneficial Use, from an underground source (Dixie Wash Well), through a drilled well, pump jack, and stock trough for stockwater purposes. The point of diversion of water from the source is as follows:

SE¼ NW¼ Section 26, T.20N., R.34E., M.D.B.&M., or at a point from which the N¼ corner of said Section 26, bears N. 20°22' E., a distance of 2,684.41 feet situated in Churchill County, State of Nevada.

NOW KNOW YE, That the State Engineer, under the provisions of NRS 533.425, has determined the date, source, purpose, amount of appropriation, and the place where such water is appurtenant, as follows:

Name of appropriator:	***Paul Plouviez and Shizuko Shimada**
Source:	**Underground (Dixie Wash Well)**
Manner of use:	**Stockwater**
Amount of appropriation:	**0.0167 c.f.s., or sufficient to water 541 head of cattle**
Period of use:	**January 1st to December 31st of each year**
Date of priority of appropriation:	**October 27, 1989**

Description of the works of diversion, manner and place of use:

Water is developed by means of a drilled well of unknown depth, 6 inch diameter casing, equipped with a pump jack, thence to a 500 gallon trough where 541 head of cattle water within the SE¼ NW¼, Section 26, T.20N., R.34E., M.D.B.&M., being within the Dixie Valley Allotment.

***Pursuant to NRS 533.503, this certificate is issued to the only party that is legally entitled to place the livestock on the land for which the permit is sought.**

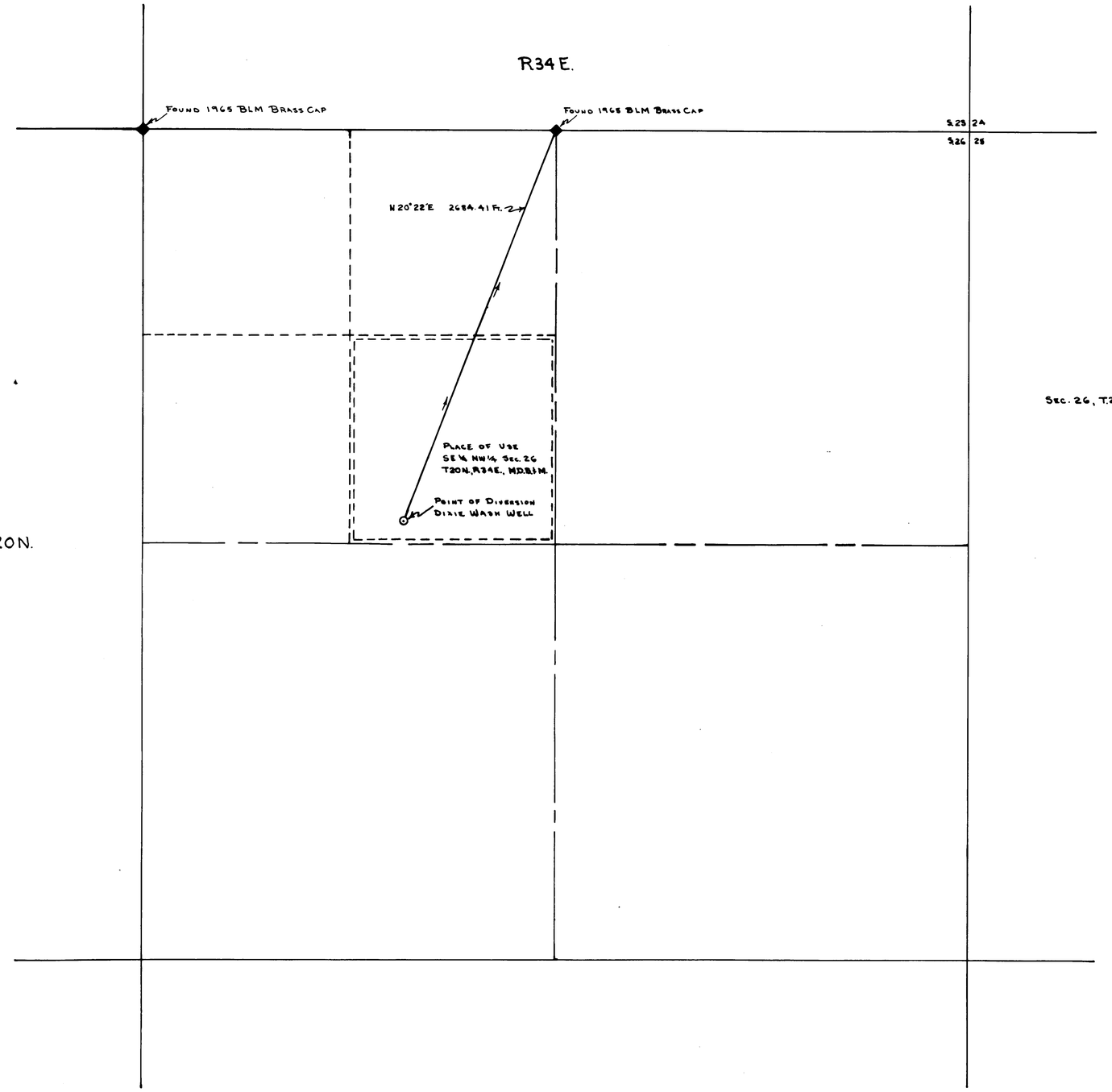
This certificate is issued subject to the terms of the permit.

The right to water hereby determined is limited to the amount which can be beneficially used, not to exceed the amount above specified, and the use is restricted to the place and for the purpose as set forth herein.

IN TESTIMONY WHEREOF, I, **TRACY TAYLOR, P.E.**, State Engineer of Nevada, have hereunto set my hand and the seal of my office, this 28th day of **January**, A.D., **2008**.

Tracy Taylor, P.E.
State Engineer

SNC/gkl





SEC. 26, T.20N., R.34E., MDB&M.

STATE OF NEVADA } SS
CARSON CITY }

I, DAVID E EARLY, BEING FIRST DULY SWORN, DEPOSE AND SAY THAT THIS MAP CONSISTING OF 1 SHEET, NUMBERED FROM 1 TO 1 INCLUSIVE, HAS BEEN CORRECTLY DRAWN TO THE DESIGNATED SCALE FROM FIELD NOTES OF A SURVEY MADE BY ME, JULY 26, 1989;

THAT IT TRULY AND CORRECTLY REPRESENTS THE LOCATION AND EXTENT OF WORKS USED TO DIVERT WATER FROM AN UNDERGROUND SOURCE IN CHURCHILL COUNTY, NEVADA BY GARY SNOW LIVESTOCK & GRAIN AND USDI BUREAU OF LAND MANAGEMENT.

FOR STOCKWATERING PURPOSES.

THAT THE POINT OF DIVERSION, THE APPROXIMATE LOCATION AND SIZE OF THE DIVERTING CHANNEL OR OTHER CONDUIT, THE PLACE AND MANNER OF USE, AND THE LOCATION AND NAMES OF ALL OTHER WORKS OR STREAMS WHICH ARE CROSSED BY, OR CONNECTED WITH THE SAID WORKS, ARE FULLY AND CORRECTLY DESIGNATED THEREON.

David E Early
DAVID E. EARLY

718
STATE WATER RIGHT SURVEYOR

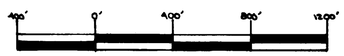
SUBSCRIBED AND SWORN TO BEFORE ME THIS 18th DAY OF October, 1989. NOTARY PUBLIC IN AND FOR Carson City COUNTY, NEVADA.

Patricia J Reynolds Bird
NOTARY PUBLIC



BASIS OF BEARING:

NORTH BOUNDARY NW 1/4 SECTION 26, T.20N., R34E., MDB&M. WHICH BRS. S 89° 59'W AS SHOWN ON BLM SURVEY PLAT OF 1966.



SCALE 1"= 400'

54127

OCT 27 1989

54127 CERTIFICATE NO. 16925 ISSUED 1-28-08

STATE ENGINEER'S OFFICE

'89 OCT 27 P1:24

MAP

TO ACCOMPANY APPLICATION TO APPROPRIATE WATER FOR STOCKWATERING PURPOSES BY GARY SNOW LIVESTOCK & GRAIN AND U.S.D.I. BUREAU OF LAND MANAGEMENT

FROM AN UNDERGROUND SOURCE.

CHURCHILL Co. NEVADA

75594 54127

State of Nevada
Division of Water Resources

Site Search

Permit Information

New Search

App/Permit: 54127
Status: CERTIFICATE
Certificate: 16925

General | Maps & Due Dates | Place of Use | Abrogations/Protests/Rulings | Ownership and Title

Current Ownership Information

(NOTE: Owner names shown here are standardized for retreival purposes only. Verify legal names before submitting any new documentation.)

Owner	Type	Div Rate	Duty	Acres	Change By	APN	County	Description
PAUL PLOUVIEZ & SHIZUKO SHIMANDA	C	0.017	0	0				ENCUMBERED

Confirmed By:
Effective Date:

Original Owners

Owner
BLM
GARY SNOW LIVESTOCK & GRAIN

Remarks

DIXIE VALLEY ALLOTMENT 541 HEAD OF CATTLE

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

PERMIT 65124/CERTIFICATE 16375

APPURTENANT TO CHURCHILL APN 003-251-02

BUREAU OF LAND MANAGMENT

BASIN: Dixie Valley (128) **COUNTY:** Churchill

LATITUDE: 39.499396 **LONGITUDE:** -118.153801

OWNERSHIP:	Takacs, Fillis and Gary
PRIORITY DATE:	05/19/1999
SOURCE DESCRIPTION:	Underground – Hot Water Well
POINT OF DIVERSION:	SE¼NE¼ Section 21, T.19N., R.34E., M.D.M.
MANNER OF USE:	Stockwatering
USE UNITS:	500 Cattle
PLACE OF USE:	SE¼NE¼ Section 21, T.19N., R.34E., M.D.M
DIVERSION RATE:	0.0154 CFS
ALLOWED DUTY:	11.15 AFA
PERIOD OF USE:	11/01 – 04/15
STATUS:	Certificated
DUE DATES:	None
REMARKS:	Frenchman Flat Allotment

POD PARCEL:	Churchill County APN No. 003-251-02
POD PARCEL OWNER:	Bureau of Land Management
POU PARCEL:	Churchill County APN No. 003-251-02
POU PARCEL OWNER:	Bureau of Land Management

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

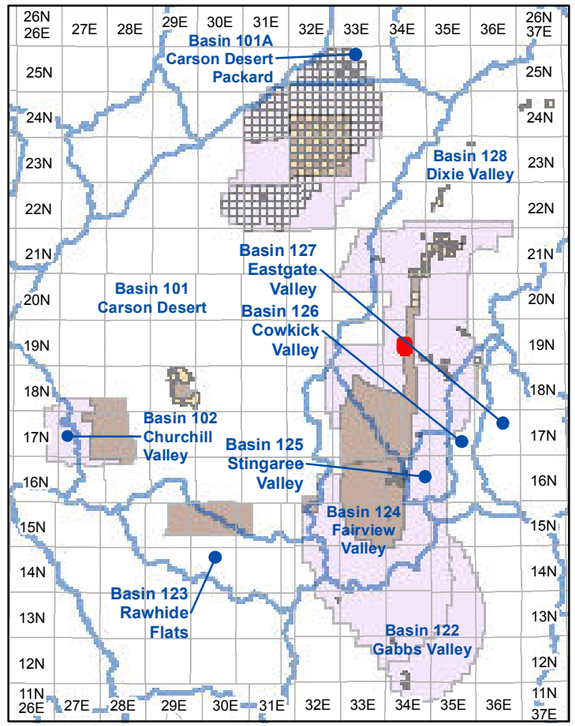
Permit 65124/Certificate 16375

The current owners of Permit 65124/Certificate 16375 are Gary and Fillis Takacs. The permit was approved by the State Engineer on June 24, 2002 and was issued Certificate 16375 on August 13,2004. It has a priority date of May 19, 1999 and a total duty of 11.149 acre-feet annually with an allowed diversion rate of 0.0154 CFS permitted for stock watering purposes sufficient to water 500 cattle. The allowed period of use is November 1 through April 15

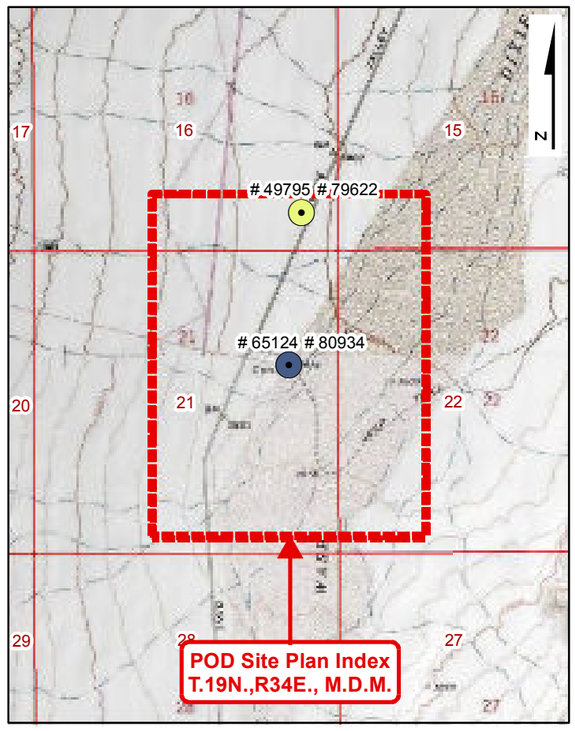
The point of diversion is located within the SE¼NE¼ of Section 21, Township 19N, Range 34E, MDM. The permitted place of use is in the Dixie Valley Basin, Frenchman Flat Allotment within Churchill County APN 003-251-02 under the ownership of the Bureau of Land Management and is more specifically listed in the table below.

QQ	Q	Section	Township	Range	Acres
SE	NE	21	19N	34E	

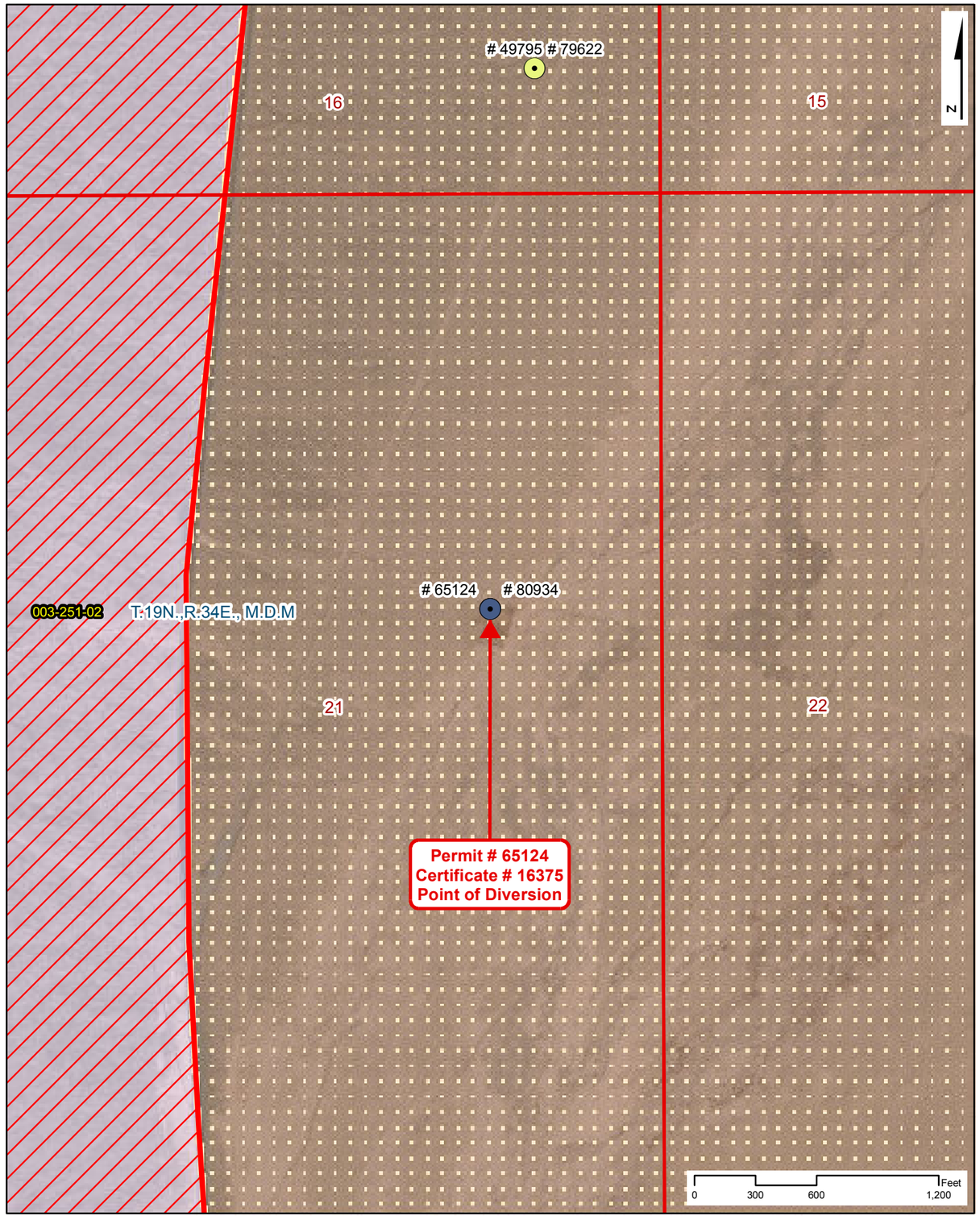
Permit 65124/Certificate 16375 is currently in good standing with the NDWR with no further action required.



Township and Range Index
Scale: 1" = 20 Miles



USGS Quadmap Site Plan Index
Scale: 1" = 1/2 Mile



Point of Diversion Site Plan
Scale: 1" = 600'

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631

WATER RIGHTS RESEARCH INVENTORY SERVICES

PERMIT: 65124 **CERTIFICATE: 16375**

BASIN: Dixie Valley (128) **COUNTY: Churchill**
LATITUDE: 39.499396 **LONGITUDE: -118.153801**
POINT OF DIVERSION: **SE1/4,NE1/4, Section 21, T.19N.,R34E., M.D.M.**
PLACE OF USE (DWR Polygon ID): **N/A**
PERMIT LAND CATEGORY: **Existing Lands Privately Held**

OWNERSHIP

Takacs, Fillis and Gary

PRIORITY DATE: **5/19/1999**
PERMIT DATE: **6/24/2002**
CERTIFICATE DATE: **8/13/2004**
DUE DATE: **None**

USE UNITS

500 Cattle

SOURCE DESCRIPTION: **Underground**
MANNER OF USE: **Stock-Watering**
DIVERSION RATE: **0.0154 CFS**
ALLOWED DUTY: **11.150 AFA**
PERIOD OF USE: **11/01-04/15**

GIS PARCEL DATA

A.P.N. 003-251-02, CHURCHILL COUNTY BUREAU OF LAND MANAGEMENT

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index

- Township Range Grid
- Hydrographic Basins

Existing Navy Lands

- Withdrawan
- Non Federal
- Navy Owned

Proposed Navy Lands

- Proposed Withdrawal Expansion
- Non Federal

Point of Diversion Manner of Use

- As Decreed
- Commercial
- Domestic
- Environmental
- Industrial
- Irrigation
- Mining & Milling
- Municipal
- Other
- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

R O Anderson

PERMIT: 65124
CERTIFICATE: 16375

Product of R.O. Anderson Engineering, Inc. -= Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_Permit_Certificate_Maps.mxd -= GIS Specilist: Eric Herron -= Publication Date: 10/5/2019 10:46:13 AM

NO. 65124

APPLICATION FOR PERMIT TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

Date of filing in State Engineer's Office MAY 19 1999

Returned to applicant for correction _____

Corrected application filed _____

Map filed MAY 19 1999

****

The applicant **Gary & Fillis Takacs**, hereby make application for permission to appropriate the public waters of the State of Nevada, as hereinafter stated.

****

1. The source of the proposed appropriation is **underground**

2. The amount of water applied for is **.0154 CFS** second-feet

   (a) If stored in reservoir give number of acre-feet

3. The water to be used for **Stockwater**

4. If use is for:

   (a) Irrigation, state number of acres to be irrigated

   (b) Stockwater, state number and kinds of animals to be watered **500**

   (c) Other use (describe fully under No. 12. "Remarks")

   (d) Power:
      (1) Horsepower developed

      (2) Point of return of water to stream

5. The water is to be diverted from its source at the following point **SE¼ of the NE¼ of Sec 21 T19N, R.34E. M.D.B.&M or at a point from which the North East corner of said Section 21 bears N 22° 27' 45" E, 2,205.99 feet**

6. Place of Use **Same as point of diversion**

7. Use will begin about **11-1** and end about **4-15** of each year.

8. Description of proposed works **Pump jack with motor open discharge into 500 gallon trough in future 10,000 gallon storage**

9. Estimated cost of works **$5,000 to 10,000**

10. Estimated time required to construct works **Completed**

11. Estimated time required to complete the application of water to beneficial use **Completed**

12. Remarks:

By **s/Gary & Fillis Takacs**
P O Box 191 Siard Ranch
Winnemucca NV 89446

Compared **my/cmf** dr/cmf

Protested _____

65124

****

APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This permit is issued subject to all existing rights on the source. It is understood that the amount of water herein granted is only a temporary allowance and that the final water right obtained under this permit will be dependent upon the period of use and the average number of livestock served from the waters of this source. It is further understood that this right must allow for a reasonable lowering of the static water level at permittee's well due to any other ground water development in the area. The well shall be equipped with a 2-inch opening for measuring depth to water. If well is flowing, a valve must be installed and maintained to prevent waste. The State retains the right to regulate the use of the water herein granted at any and all times but does not take responsibility for the use of the Federal range.

This permit does not extend the permittee the right of ingress and egress on public, private or corporate lands.

The issuance of this permit does not waive the requirements that the permit holder obtain other permits from State, Federal and local agencies.

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed **0.0154** cubic feet per second, **or sufficient to water 500 head of cattle.**

Work must be prosecuted with reasonable diligence and be completed on or before:

June 24, 2003

Proof of completion of work shall be filed before:

July 24, 2003

Water must be placed to beneficial use on or before:

June 24, 2004

Proof of the application of water to beneficial use shall be filed on or before:

July 24, 2004

Map in support of proof of beneficial use shall be filed on or before:

N/A

IN TESTIMONY WHEREOF, I, HUGH RICCI, P.E., State Engineer of Nevada, have hereunto set my hand and the seal of my office, this **24th** day of **June**, A.D. **2002**

Hugh Ricci, P.E.
State Engineer

Completion of work filed AUG 0 6 2003

Proof of beneficial use filed MAY 0 3 2004

Cultural map filed N/A

Certificate No. 16375 Issued AUG 1 3 2004

Permit No. **65124** Certificate No. **16375** Book **74** Page **16375**

THE STATE OF NEVADA

CERTIFICATE OF APPROPRIATION OF WATER

~ ~ ~ ~ ~

WHEREAS, Gary and Fillis Takacs, Permittees, have presented to the State Engineer of the State of Nevada Proof of Application of Water to Beneficial Use, from an underground source, through a drilled well (Hot Water Well), pump and trough for stockwater purposes. The point of diversion of water from the source is as follows:

> **SE¼ NE¼ Section 21, T.19N., R.34E., M.D.B.&M., or at a point from which the NE corner of said Section 21 bears N. 22°27'45" E. a distance of 2,205.99 feet, situated in Churchill County, State of Nevada.**

NOW KNOW YE, That the State Engineer, under the provisions of NRS 533.425, has determined the date, source, purpose, amount of appropriation, and the place where such water is appurtenant, as follows:

Name of appropriator:	**Gary and Fillis Takacs**
Source:	**Underground (Hot Water Well)**
Manner of Use:	**Stockwater**
Amount of appropriation:	**0.0154 c.f.s., or sufficient to water 500 head of cattle**
Period of use:	**November 1st to April 15th of each year**
Date of priority of appropriation:	**May 19, 1999**

Description of the works of diversion, manner and place of use:

Water is developed by means of a drilled and cased well of unknown depth, thence pumped 150 feet to a 1000-gallon trough where 500 head of cattle water within the SE¼ NE¼ Section 21, T.19N., R.34E., M.D.B.&M., being within the Frenchman Flat Allotment, Churchill County, Nevada.

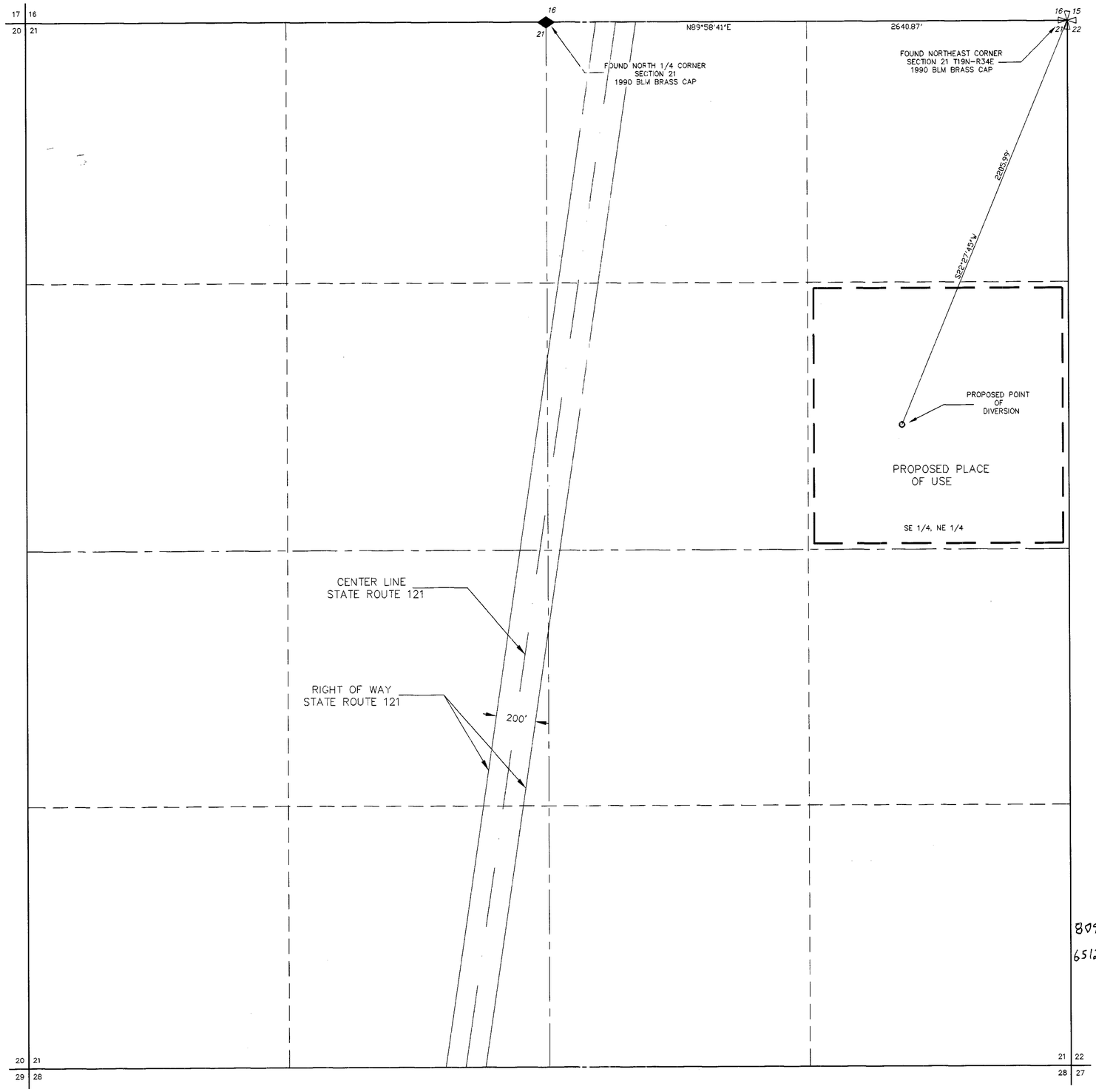
This certificate is issued subject to the terms of the permit.

The right to water hereby determined is limited to the amount which can be beneficially used, not to exceed the amount above specified, and the use is restricted to the place and for the purpose as set forth herein.

IN TESTIMONY WHEREOF, I, **HUGH RICCI, P.E.**, State Engineer of Nevada, have hereunto set my hand and the seal of my office, this **13th** day of **August**, A.D., **2004**.

State Engineer

cmf/rel



APEX
SURVEYING AND MAPPING
P.O. BOX 5816
ELKO, NEVADA
702-738-8512

99050

SHEET NO. 1 OF 1 SHEETS.

1"=300'

STATE OF NEVADA }
} SS.
COUNTY OF ELKO }

I, WILLIAM G. TURNEY, BEING FIRST DULY SWORN, DEPOSE AND SAY THAT THIS MAP, CONSISTING OF ONE SHEET, HAS BEEN CORRECTLY DRAWN TO THE DESIGNATED SCALE FROM FIELD NOTES OF A SURVEY MADE UNDER MY SUPERVISION AND DIRECTION, BETWEEN THE 10TH DAY OF MARCH AND THE 11TH DAY OF MARCH, 1999; THAT IT TRULY AND CORRECTLY REPRESENTS THE PROPOSED LOCATION AND EXTENT OF THE WORKS USED TO DIVERT WATER FROM UNDERGROUND IN CHURCHILL COUNTY, BY GARY TACKUS, FOR STOCK WATERING PURPOSES, THAT THE PROPOSED POINT OF DIVERSION, THE APPROXIMATE LOCATION AND SIZE OF THE DIVERTING CHANNEL, ALL RESERVOIRS OR BASINS, THE LOCATION AND NAMES OF ALL OTHER WORKS WHICH WILL CROSS OR CONNECT WITH THE PROPOSED WORKS, AND THE BOUNDARY OF ALL LANDS, SHOWING BY 40-ACRE SUBDIVISION, ARE FULLY AND CORRECTLY DESIGNATED THEREON.

William G. Turney
STATE WATER RIGHT SURVEYOR NO. 914

SUBSCRIBED AND SWORN TO BEFORE ME THIS 30 DAY OF
March, 1999.

Elizabeth Nunez
NOTARY PUBLIC IN AND FOR ELKO COUNTY, NEVADA.

ELIZABETH NUNEZ
Notary Public
State of Nevada
Elko County, Nevada
96-3099-6
My appointment expires August 9, 2002.

BASIS OF BEARINGS : THE LINE BETWEEN THE NORTHEAST CORNER OF SECTION 21 AND THE NORTH 1\4 CORNER OF SECTION 21, T.19 N., R.34 E., M.D.B.& M., BEING NORTH 89°58'41" EAST AS SHOWN ON THE BLM OFFICIAL RESURVEY PLAT.

PROFESSIONAL LAND SURVEYOR STATE OF NEVADA
WILLIAM G. TURNEY
3/30/99
No. 9394

80934 CERTIFICATE NO. 19568 ISSUED 9-17-2014

65124 CERTIFICATE No. 16315 ISSUED 8/1 3/04

GRAPHIC SCALE

300 0 150 300 600 1200
(IN FEET)
1 inch = 300 ft.

STATE ENGINEERS USE

HCS - 5/26/99 CORRECT SPELLING OF APPLICANT'S NAME IS TAKACS

65124

FILED
MAY 19 1999
STATE ENGINEER'S OFFICE

MAP TO ACCOMPANY APPLICATION TO APPROPRIATE WATER
FOR STOCK WATERING USE
BY GARY TACKUS FROM UNDERGROUND (S)
IN SEC. 21, T.19 N., R.34 E., M.D.B.& M.
CHURCHILL COUNTY, NEVADA

80934 65124

State of Nevada
Division of Water Resources

Site Search

Permit Information

New Search

App/Permit: 65124
Status: CERTIFICATE
Certificate: 16375

General | Maps & Due Dates | Place of Use | Abrogations/Protests/Rulings | Ownership and Title

Current Ownership Information

(NOTE: Owner names shown here are standardized for retreival purposes only. Verify legal names before submitting any new documentation.)

Owner	Type	Div Rate	Duty	Acres	Change By	APN	County	Description
TAKACS, FILLIS	B	0	0	0				
TAKACS, GARY	B	0	0	0				

Confirmed By:
Effective Date:

Original Owners

Owner
TAKACS, FILLIS
TAKACS, GARY

Remarks

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

PERMIT 68958/CERTIFICATE 16486

BASIN: Carson Desert (101) **COUNTY:** Churchill

LATITUDE: 39.462800 **LONGITUDE:** -119.06700

OWNERSHIP:	A & K Earthmovers, Inc.
PRIORITY DATE:	7/2/1902
SOURCE DESCRIPTION:	STR
POINT OF DIVERSION:	SW¼SE¼ Section 33, T.19N., R.26E., M.D.M.
MANNER OF USE:	COM
PLACE OF USE:	See following table
DIVERSION RATE:	As Decreed
ALLOWED DUTY:	2.04 AFA
PERIOD OF USE:	As Decreed
STATUS:	CER
DUE DATES:	None
REMARKS:	TCID Desert Mountain Pit

POD PARCEL:	Churchill County APN No. 007-021-25
POD PARCEL OWNER:	Bureau of Land Management
POU PARCEL:	Churchill County Multiple
POU PARCEL OWNER:	Multiple

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

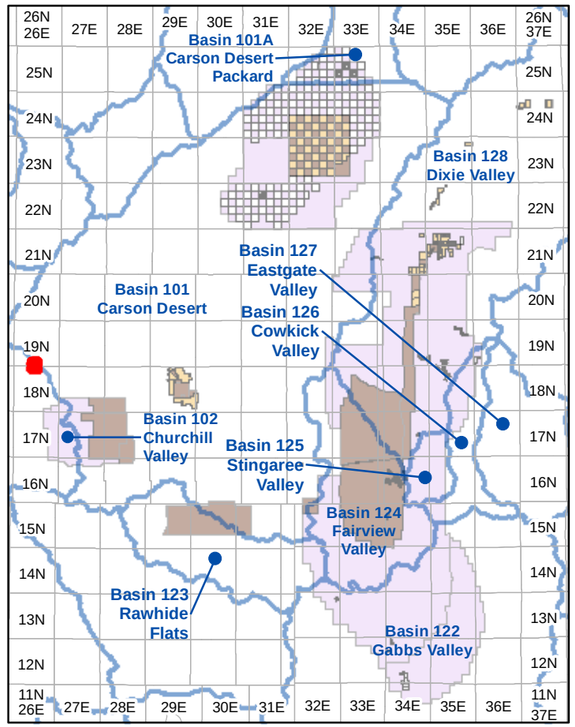
Permit 68958/Certificate 16486

The current owner of Permit 68958/Certificate 16486 is A & K Earthmovers, Inc. The permit was approved by the State Engineer on June 13, 2003 and was issued Certificate 16486 on March 10, 2005. It has a priority date of July 2, 1902 and a total duty of 2.04 acre-feet annually for commercial purposes.

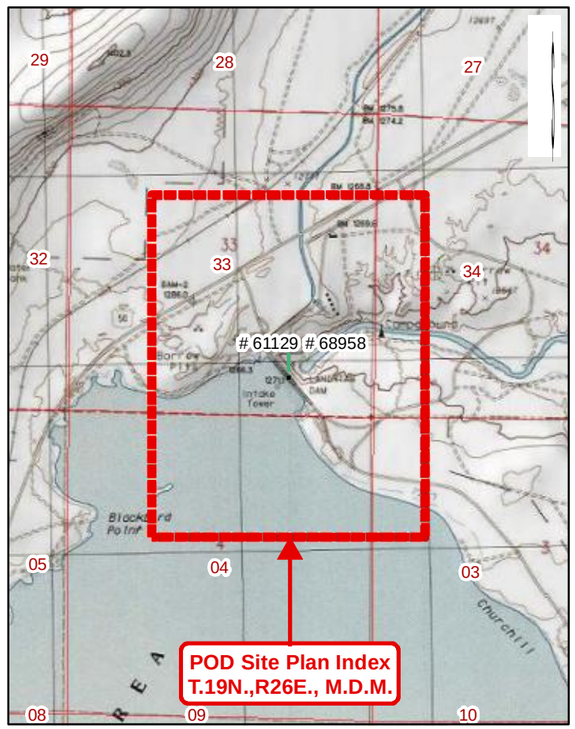
This water is Newlands Reclamation Project water, surface water from the Truckee and Carson Rivers, administered by the Truckee-Carson Irrigation District (TCID). The point of diversion is the Lahontan Dam, located within the SW¼SE¼ Section 33, Township 19N, Range 26E, MDM. The permitted place of use is in the Carson Desert Basin within Church County and is more specifically listed in the table below.

Section(s)	Township	Range
5-9, 17-20, 23-36	19N	28E
1-5, 8-15, 22-26, 35-36	18N	28E
18-19, 24-26, 30-35	19N	29E
5-8, 17-20, 27-36	18N	29E

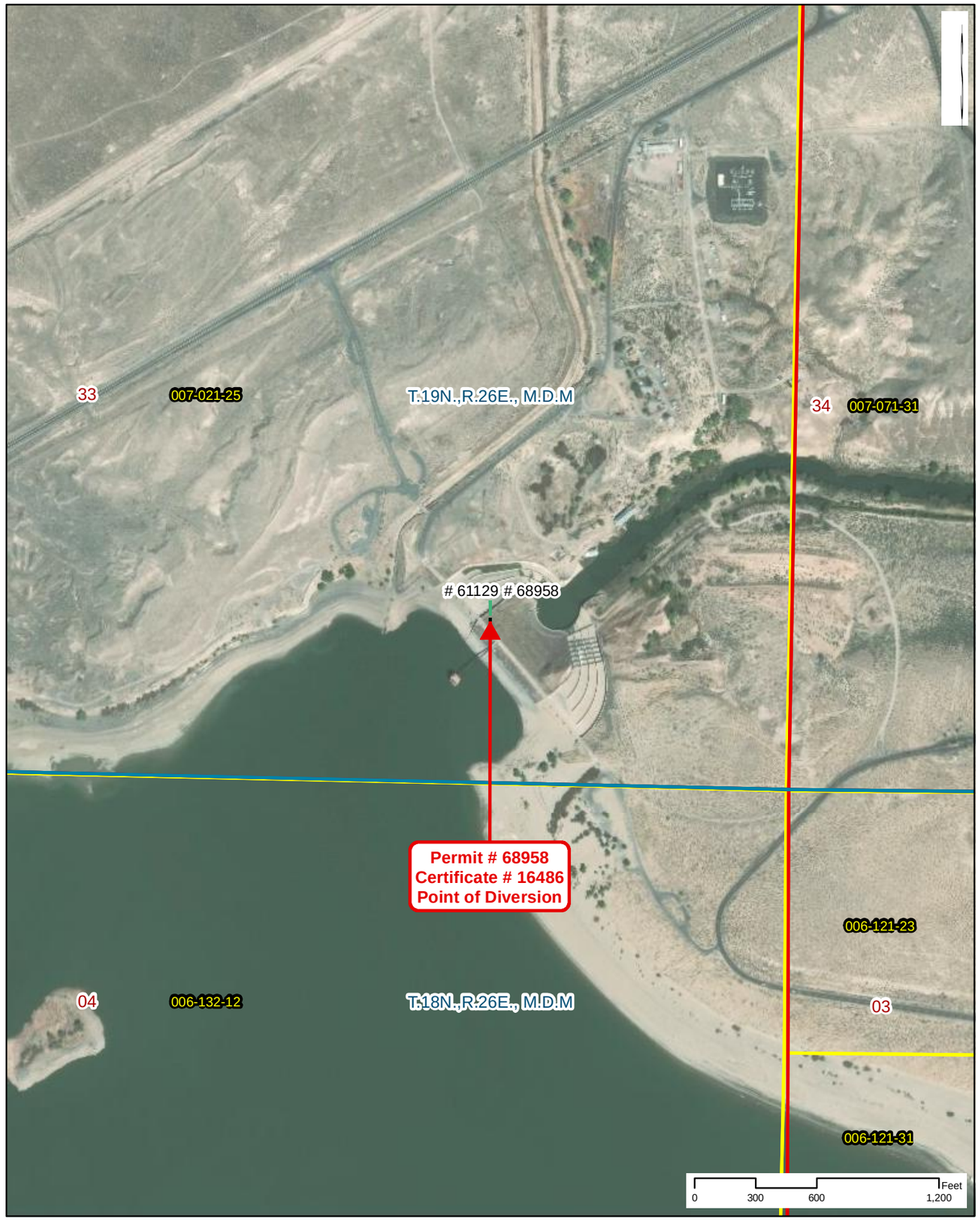
Permit 68958/Certificate 16486 is currently in good standing with the Division of Water Resources with no further pending actions.



Township and Range Index
Scale: 1" = 20 Miles



USGS Quadmap Site Plan Index
Scale: 1" = 1/2 Mile



Point of Diversion Site Plan
Scale: 1" = 600'

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH INVENTORY SERVICES

PERMIT: 68958 **CERTIFICATE: 16486**

BASIN: Carson Desert (101) **COUNTY: Churchill**
LATITUDE: 39.4628 **LONGITUDE: -119.067**
POINT OF DIVERSION: **SW1/4,SE1/4, Section 33, T.19N.,R26E., M.D.M.**
PLACE OF USE (DWR Polygon ID): **6451**
PERMIT LAND CATEGORY: Proposed Lands Privately Held

OWNERSHIP
A&K Earth Movers

PRIORITY DATE: **7/2/1902**
PERMIT DATE: **6/13/2003**
CERTIFICATE DATE: **3/10/2005**
DUE DATE: **None**

USE UNITS

SOURCE DESCRIPTION: **Stream**
MANNER OF USE: **As Decreed**
DIVERSION RATE: **CFS**
ALLOWED DUTY: **2.040 AFA**
PERIOD OF USE: **As Decreed**

GIS PARCEL DATA
A.P.N. 007-021-25, CHURCHILL COUNTY
BUREAU OF LAND MANAGEMENT

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index

- Township Range Grid
- Hydrographic Basins

Existing Navy Lands

- Withdrawan
- Non Federal
- Navy Owned

Proposed Navy Lands

- Proposed Withdrawal Expansion
- Non Federal

Point of Diversion Manner of Use

- As Decreed
- Commercial
- Domestic
- Environmental
- Industrial
- Irrigation
- Mining & Milling
- Municipal
- Other
- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

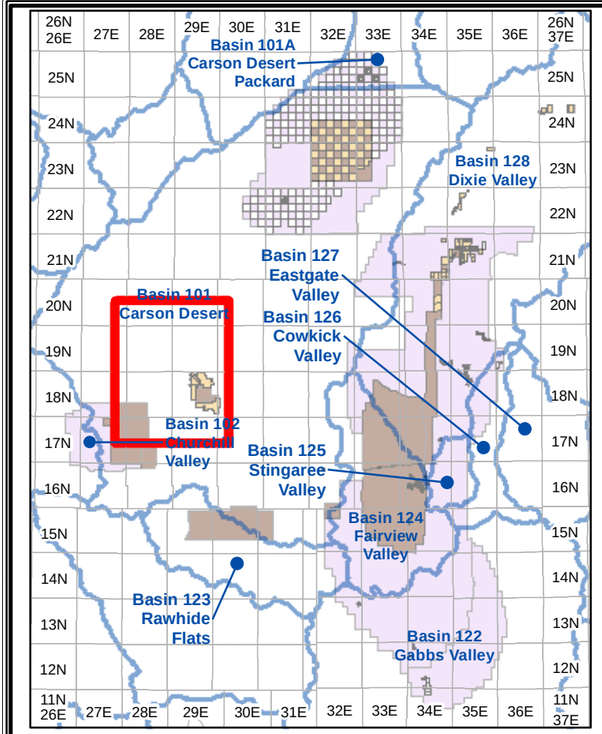
R|O Anderson

PERMIT: 68958
CERTIFICATE: 16486

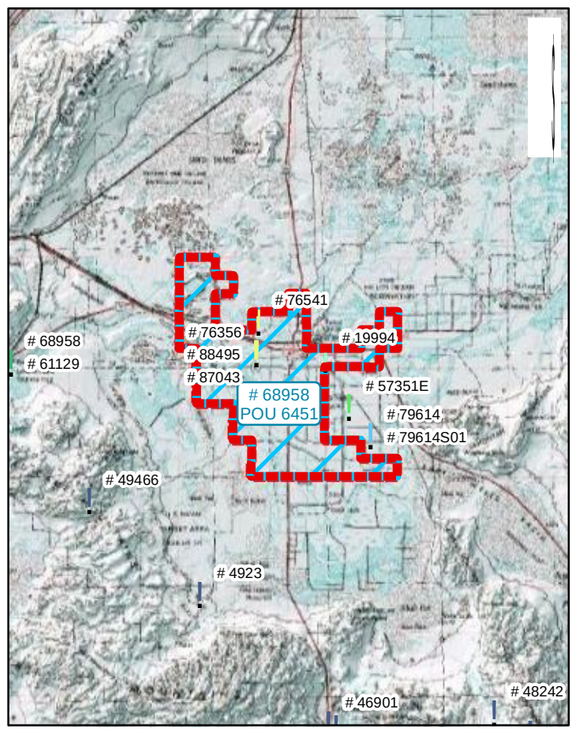
Product of R.O. Anderson Engineering, Inc. -= Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_Permit_Certificate_Maps.mxd -= GIS Specilist: Eric Herron -= Publication Date: 10/3/2019 4:29:15 AM

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH INVENTORY SERVICES
DIVISION OF WATER RESOURCES PLACE OF USE GIS DATA

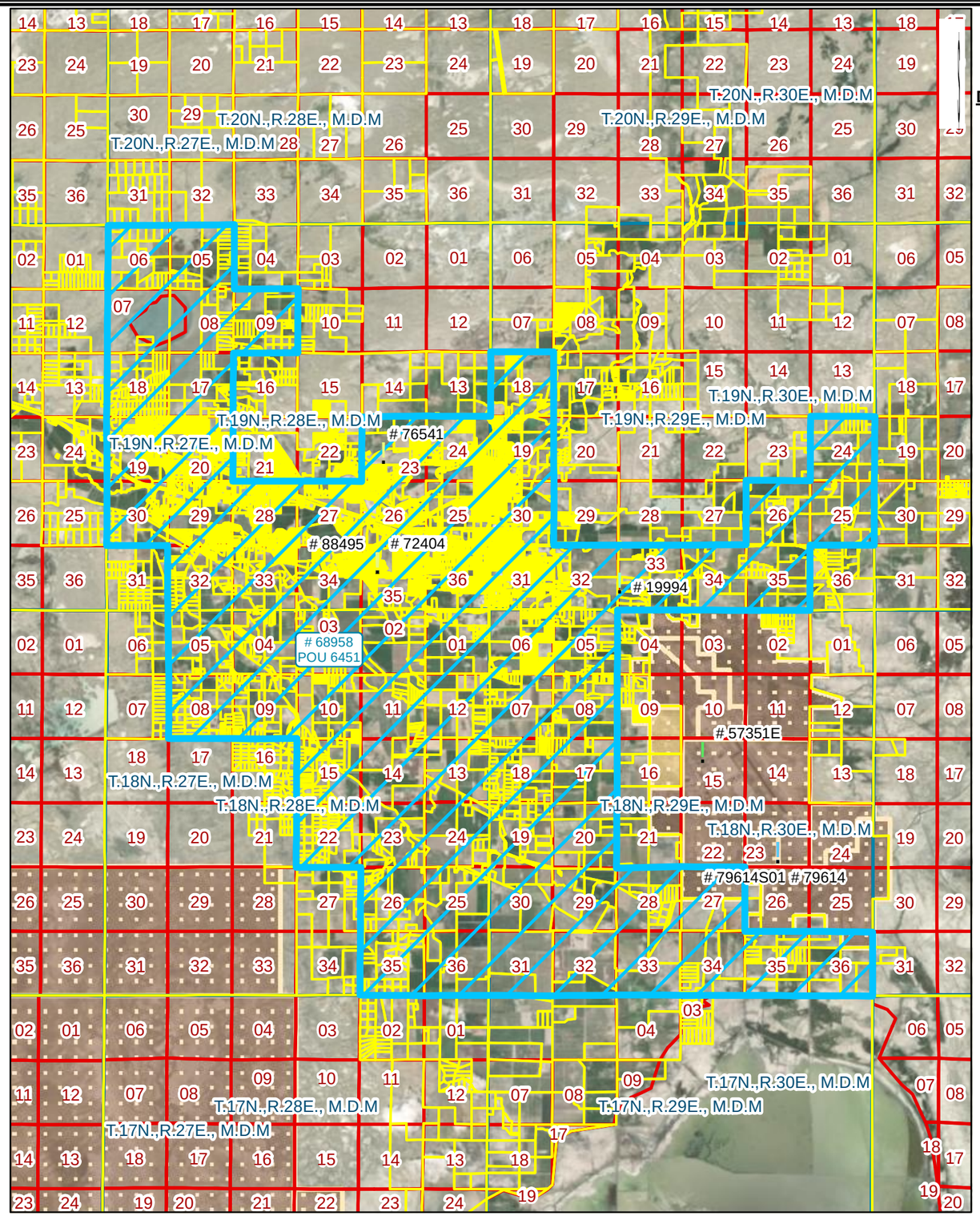
WATER RIGHT: 68958 **DWR POLYGON ID: 6451**



Township and Range Index



USGS Quadmap Site Plan Index



Place of Use Site Plan

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index

- Township Range Grid
- Hydrographic Basins

Existing Navy Lands

- Withdrawan
- Non Federal
- Navy Owned

Proposed Navy Lands

- Proposed Withdrawal Expansion
- Non Federal

Point of Diversion Manner of Use

- As Decreed
- Commercial
- Domestic
- Environmental
- Industrial
- Irrigation
- Mining & Milling
- Municipal
- Other
- Quasi-Industrial
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- Stock-Watering
- Storage
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R|O Anderson

WATER RIGHT: 68958
DWR POLYGON ID: 6451

Product of R.O. Anderson Engineering, Inc. -=- Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_POU_Maps.mxd -=- GIS Specilist: Eric Herron -=- Publication Date: 10/3/2019 5:53:22 AM

NO. 68958

A M E N D E D

APPLICATION FOR PERMISSION TO CHANGE POINT OF DIVERSION, MANNER OF USE AND PLACE OF USE OF THE PUBLIC WATERS OF THE STATE OF NEVADA HERETOFORE APPROPRIATED

Date of filing in State Engineer's Office JUL 11 2002

Returned to applicant for correction JUL 30 2002

Corrected application filed SEP 30 2002

Map filed SEP 30 2002

****

The applicant **A & K Earthmovers, Inc.** hereby make application for permission to change the **Place of Use and Manner of Use** of water heretofore appropriated under **Truckee Carson Irrigation District Serial No. 538-4-A & 538-4-B, United States of America v. Orr Ditch Co. in Equity No. A-3, Claim No. 3; United States of America v. Alpine Land and Reservoir Co., No. D-183 BRT; both in the Federal District Court of Nevada.**

****

1. The source of water is **Truckee and Carson River**

2. The amount of water to be changed **2.09 ac. ft.**

3. The water to be used for **commercial**

4. The water heretofore permitted for **as decreed**

5. The water is to be diverted at the following point **Lahontan Dam within SW¼SE¼ Section 33, T.19N., R.26E., M.D.B.& M.**

6. The existing permitted point of diversion is located within **no change**

7. Proposed place of use **All of sections 5, 6, 7, 8, 9, 17, 18, 19, 20, 23, 24, 25, 26, 27, 28, 29, 30, 32, 33, 34, 35, 36 in T.19N., R.28E.,; All of sections 1, 2, 3, 4, 5, 8, 9, 10, 11, 12, 13, 14, 15, 22, 23, 24, 25, 26, 35, 36 in T.18N., R.28E.,; All of sections 18, 19, 30, 31, 32, 33, 34, 35, 24, 25, 26 in T.19N., R.29E.,; and all of sections 5, 6, 7, 8, 17, 18, 19, 20, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36 in T.18N., R.29E., all in M.D.B.&M. containing 45,440 AC, more or less**

8. Existing place of use **SE¼ SW¼ of Section 25, T.19N., R.28E., M.D.B.&M. A total of .70 ac.**

9. Use will be from **as decreed**

10. Use was permitted from **as decreed**

11. Description of proposed works **dams, canals & ditches**

12. Estimated cost of works **complete**

13. Estimated time required to construct works **complete**

14. Estimated time required to complete the application of water to beneficial use

68958

15. Remarks: **This transfer is for the purpose of a pump permit.**

By **Barry A. Fitzpatrick, S.W.R.S.#817**
s/Barry A. Fitzpatrick
178 S. Maine Street
Fallon, Nevada 89406

Compared **sam/**gkl lb/sam

Protested

****

APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This permit to change the place of use of a portion of the waters of the Truckee and Carson Rivers as set forth under the Newlands Reclamation Project rights in the Truckee and Carson River final decrees is issued subject to the terms and conditions imposed in said decrees and with the understanding that no other rights on the source will be affected by the change proposed herein.

This permit does not extend the permittee the right of ingress and egress on public, private or corporate lands.

The issuance of this permit does not waive the requirements that the permit holder obtain other permits from State, Federal and local agencies.

(CONTINUED ON PAGE 3)

68958

(PERMIT TERMS CONTINUED)

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, **but not to exceed 2.09 acre feet as decreed.**

Work must be prosecuted with reasonable diligence and be completed on or before:

N/A

Proof of completion of work shall be filed on or before:

N/A

Water must be placed to beneficial use on or before:

June 13, 2004

Proof of the application of water to beneficial use shall be filed on or before:

July 13, 2004

Map in support of proof of beneficial use shall be filed on or before:

N/A

IN TESTIMONY WHEREOF, I, HUGH RICCI, P.E., State Engineer of Nevada, have hereunto set my hand and the seal of my office, this **13th** day of **June,** A.D. **2003**

Hugh Ricci, P.E.
State Engineer

Completion of work filed June 25, 1998 under 62742

Proof of beneficial use filed JUN 2 8 2004

Cultural map filed **N/A**

Certificate No. 16486 Issued 3-10-05

Permit No. **68958** Certificate No. **16486** Book **75** Page **16486**

THE STATE OF NEVADA

CERTIFICATE OF APPROPRIATION OF WATER

~ ~ ~ ~ ~

WHEREAS, K. Bart Hiatt, Agent, has presented to the State Engineer of the State of Nevada Proof of Application of Water to Beneficial Use, from the Truckee River and Carson River, through Lahontan Reservoir, canals and ditches via lift and/or draft pumps for commercial (industrial and dust control) purposes. The point of diversion of water from the source is as follows:

*** Lahontan Dam, SW¼ SE¼ Section 33, T.19N., R.26E., M.D.B.&M., situated in Churchill County, State of Nevada.**

NOW KNOW YE, That the State Engineer, under the provisions of NRS 533.425, has determined the date, source, purpose, amount of appropriation, and the place where such water is appurtenant, as follows:

Name of appropriator:	**A. & K. Earthmovers, Inc.**
Source:	**Truckee River and Carson River**
Manner of Use:	**Commercial (Industrial and dust control)**
Amount of appropriation:	**As decreed, but not to exceed 2.04 acre-feet as decreed**
Period of use:	**As decreed**
Date of priority of appropriation:	****As decreed**

Description of the works of diversion, manner and place of use:

Water is diverted through Lahontan Reservoir via TCID canals and ditches, thence lift pumped or drafted into water trucks and used for industrial and dust control purposes within sections 5, 6, 7, 8, 9, 17, 18, 19, 20, 23, 24, 25, 26, 27, 28, 29, 30, 32, 33, 34, 35, 36, T.19N., R.28E., sections 1, 2, 3, 4, 5, 8, 9, 10, 11, 12, 13, 14, 15, 22, 23, 24, 25, 26, 35, 36, T.18N., R.28E., sections 18, 19, 24, 25, 26, 30, 31, 32, 33, 34, 35, T.19N., R.29E., and sections 5, 6, 7, 8, 17, 18, 19, 20, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, T.18N., R.29E., M.D.B.&M., containing 45,400 acres more or less.

***Water is diverted from the Truckee River via Derby Dam and transported in the Truckee Canal and co-mingled with waters from the Carson River at Lahontan Reservoir, as decreed.**

****This certificate changes the place of use of a portion of Claim No. 3, Truckee River Final Decree, in United States v. Orr Water Ditch Co., in Equity Docket No. A-3 (D. Nevada 1944), therefore the date of priority remains the same as Claim No. 3.**

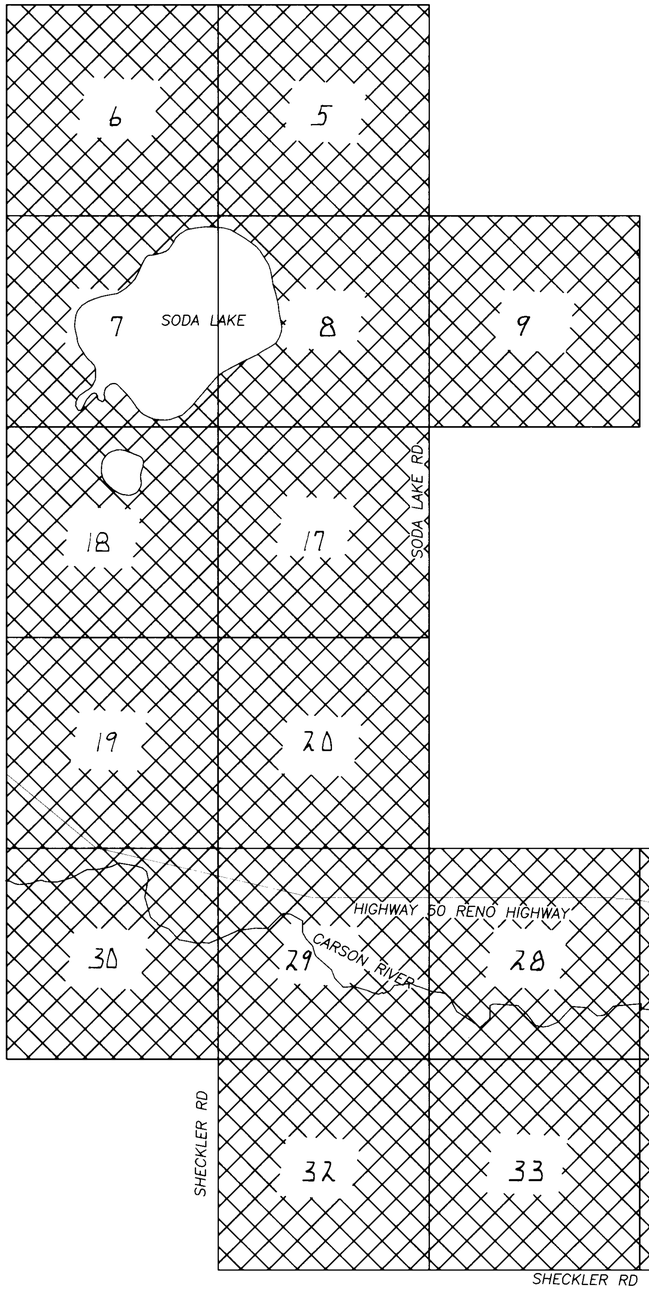
This certificate is issued subject to the terms of the permit with the understanding that the total duty of water shall not exceed the amount set forth in the Carson River Final Decree and the Truckee River Final Decree.

The right to water hereby determined is limited to the amount which can be beneficially used, not to exceed the amount above specified, and the use is restricted to the place and for the purpose as set forth herein.

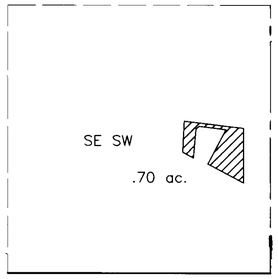
IN TESTIMONY WHEREOF, I, **HUGH RICCI, P.E.**, State Engineer of Nevada, have hereunto set my hand and the seal of my office, this **10th** day of **March**, A.D., **2005**.

gkl/rel/snc

State Engineer



TOWNSHIP 19N., RANGE 28E., M.D.B.&M.



Sec. 25, T19N., R28E., M.D.B.&M.
T.C.I.D. serial #s 538-4-A & 538-4-B

GRAPHIC SCALE

400 0 200 400 800 1600

(IN FEET)
1 inch = 400 ft.

ACREAGE							
SECTION	TOWNSHIP	RANGE	SUBDIVISION	EXISTING PLACE OF USE (AC)	PROPOSED PLACE OF USE (AC)	DUTY AC.-FT.	DUTY AC.-FT.
5, 6, 7	19N	28E			1,920		2.99
8, 9, 17	19N	28E			1,920		2.99
18, 19, 20	19N	28E			1,920		2.99
23, 24, 26	19N	28E			1,920		2.99
27, 28, 29	19N	28E			1,920		2.99
30, 32, 33	19N	28E			1,920		2.99
34, 35, 36	19N	28E			1,920		2.99
25	19N	28E	SE¼ SW¼	.70	640 AC	3.5	2.99
			TOTAL	.70	~~640~~ 14,080	2.45	2.09

STATE OF NEVADA }
COUNTY OF CARSON } SS

I, BARRY A. FITZPATRICK, BEING FIRST DULY SWORN DEPOSE AND SAY THAT THIS MAP, CONSISTING OF SHEETS, NUMBERED FROM 1 TO 4, HAS BEEN CORRECTLY DRAWN TO THE DESIGNATED SCALE FROM TRUCKEE-CARSON IRRIGATION DISTRICT RECORDS. THAT IT TRULY AND CORRECTLY REPRESENTS THE EXISTING PLACE OF USE AND THE PROPOSED PLACE OF USE OF WATER FROM THE TRUCKEE RIVER AND THE CARSON RIVER IN CHURCHILL COUNTY BY:

A & K EARTHMOVERS, INC.
APPLICANT

FOR COMMERCIAL PURPOSES, THE POINT OF DIVERSION, LAHONTON DAM IS UNCHANGED AND THE BOUNDARY OF ALL LANDS SHOWN BY SECTIONS, TOWNSHIP, AND RANGE FOR THE AREAS PROPOSED TO BE COMMERCIALLY APPLIED, ARE FULLY AND CORRECTLY DESIGNATED THEREON.

Barry A. Fitzpatrick 9/30/02
STATE WATER RIGHT SURVEYOR #817 DATE

PROFESSIONAL LAND SURVEYOR STATE OF NEVADA 9/30/02 BARRY A. FITZPATRICK No. 7809 EXP 6/30/05

SUBSCRIBED AND SWORN TO BE BEFORE ME THIS 30 DAY OF September 2002, NOTARY PUBLIC IN AND FOR CARSON COUNTY, NEVADA.

NOTARY PUBLIC 9/30/02 DATE

JOLYNN CURL
NOTARY PUBLIC - NEVADA
Appt. Recorded in CARSON CITY
No. 99-2181-3 My Appt. Exp. June 21, 2003

LEGEND :

EXISTING PLACE OF USE

PROPOSED PLACE OF USE

GRAPHIC SCALE

2000 0 1000 2000 4000 8000

(IN FEET)
1 inch = 2000ft.

N

SHEET NO. 1 OF 4 SHEETS

68958 CERTIFICATE NO. 16486 ISSUED 3-10-05

LUMOS AND ASSOCIATES
CIVIL ENGINEERS
SURVEYORS
MATERIALS TESTING
178 S. MAINE STREET
FALLON, NEVADA 89406
(775) 423-2188

STATE ENGINEER'S USE

68958

FILED
SEP 30 2002
STATE ENGINEER'S OFFICE

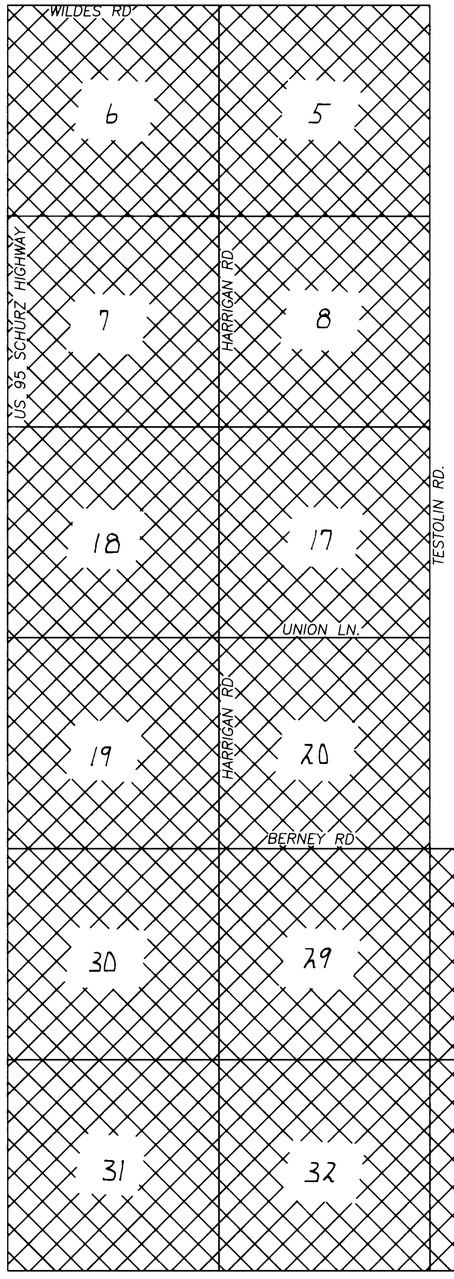
MAP TO ACCOMPANY APPLICATION TO CHANGE THE PLACE OF USE AND MANNER OF USE OF A PORTION FOR COMMERCIAL USE

BY : A & K EARTHMOVERS, INC.

FROM : TRUCKEE RIVER & CARSON RIVER

IN : CHURCHILL COUNTY

68958



TOWNSHIP 18N., RANGE 29E., M.D.B.&M.

ACREAGE

SECTION	TOWNSHIP	RANGE	SUBDIVISION	EXISTING PLACE OF USE (AC)	PROPOSED PLACE OF USE (AC)	DUTY AC.-FT.
5, 6, 7	18N	29E			1,920	
8, 17, 18	18N	29E			1,920	
19, 20, 27	18N	29E			1,920	
28, 29, 30	18N	29E			1,920	
31, 32, 33	18N	29E			1,920	
34, 35, 36	18N	29E			1,920	
			TOTAL		~~SEE SHEET 1 OF 4~~ 11,520	

LEGEND :

EXISTING PLACE OF USE

PROPOSED PLACE OF USE

GRAPHIC SCALE

2000 0 1000 2000 4000 8000

(IN FEET)
1 inch = 2000ft.

SHEET NO. 4 OF 4 SHEETS

LUMOS AND ASSOCIATES
CIVIL ENGINEERS
SURVEYORS
MATERIALS TESTING
178 S. MAINE STREET
FALLON, NEVADA 89406
(775) 423-2188

STATE ENGINEER'S USE

68958

FILED
SEP 30 2002
STATE ENGINEER'S OFFICE

MAP TO ACCOMPANY APPLICATION TO CHANGE THE PLACE OF USE AND MANNER OF USE OF A PORTION FOR COMMERCIAL USE

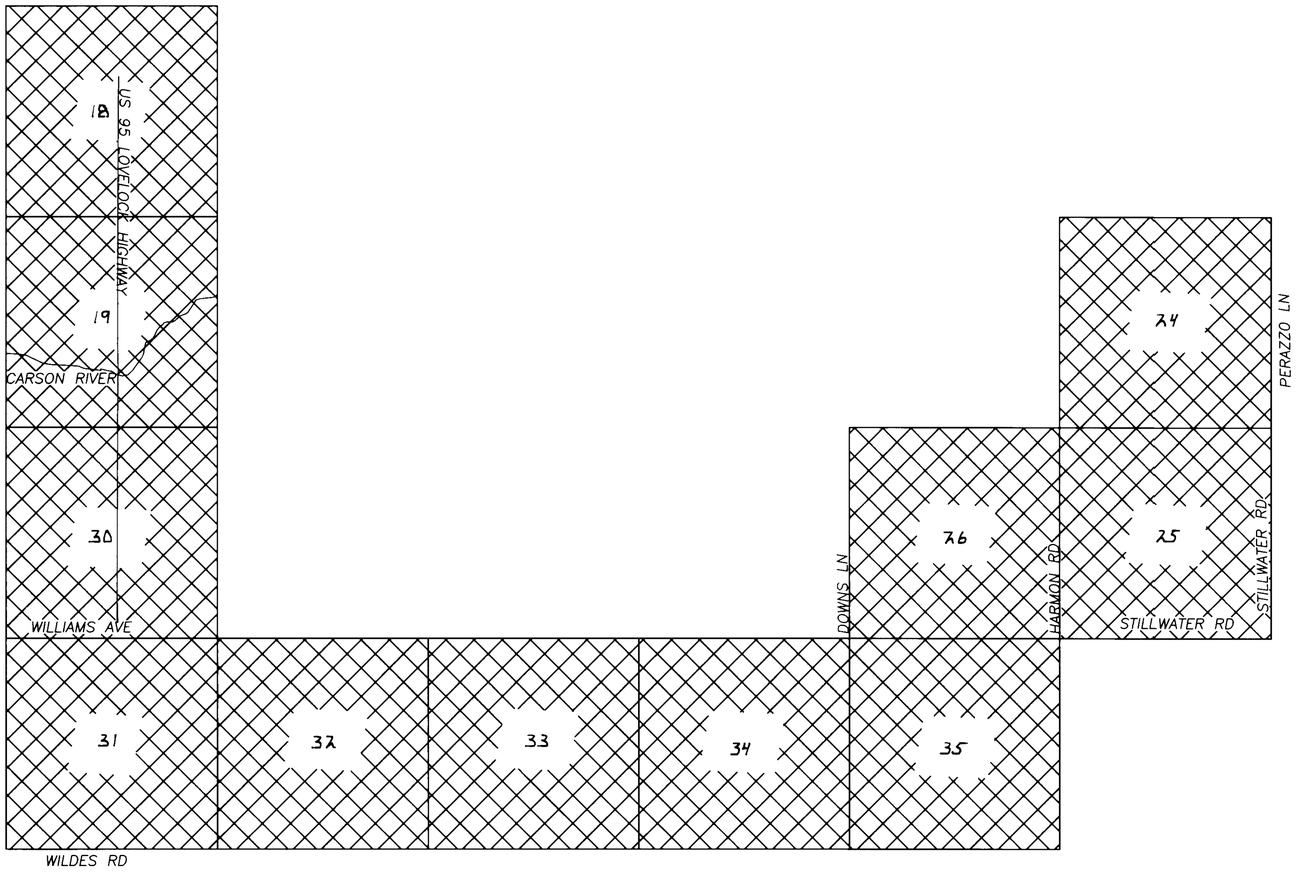
BY : A & K EARTHMOVERS, INC.

FROM : TRUCKEE RIVER & CARSON RIVER

IN : CHURCHILL COUNTY

68958

ACREAGE						
SECTION	TOWNSHIP	RANGE	SUBDIVISION	EXISTING PLACE OF USE (AC)	PROPOSED PLACE OF USE (AC)	DUTY AC.-FT.
18, 19, 30	19N	29E			1,920	
31, 32, 33	19N	29E			1,920	
34, 35, 24	19N	29E			1,920	
25, 26	19N	29E			1,280	
			TOTAL		~~SEE SHEET 1 OF 4~~ 7,040	AF



TOWNSHIP 19N., RANGE 29E., M.D.B.&M.

LEGEND :

EXISTING PLACE OF USE

PROPOSED PLACE OF USE

GRAPHIC SCALE

2000 0 1000 2000 4000 8000

(IN FEET)
1 inch = 2000ft.

N

SHEET NO. 3 OF 4 SHEETS

LUMOS AND ASSOCIATES
CIVIL ENGINEERS
SURVEYORS
MATERIALS TESTING
178 S. MAINE STREET
FALLON, NEVADA 89406
(775) 423-2188

STATE ENGINEER'S USE

FILED
SEP 30 2002
STATE ENGINEER'S OFFICE

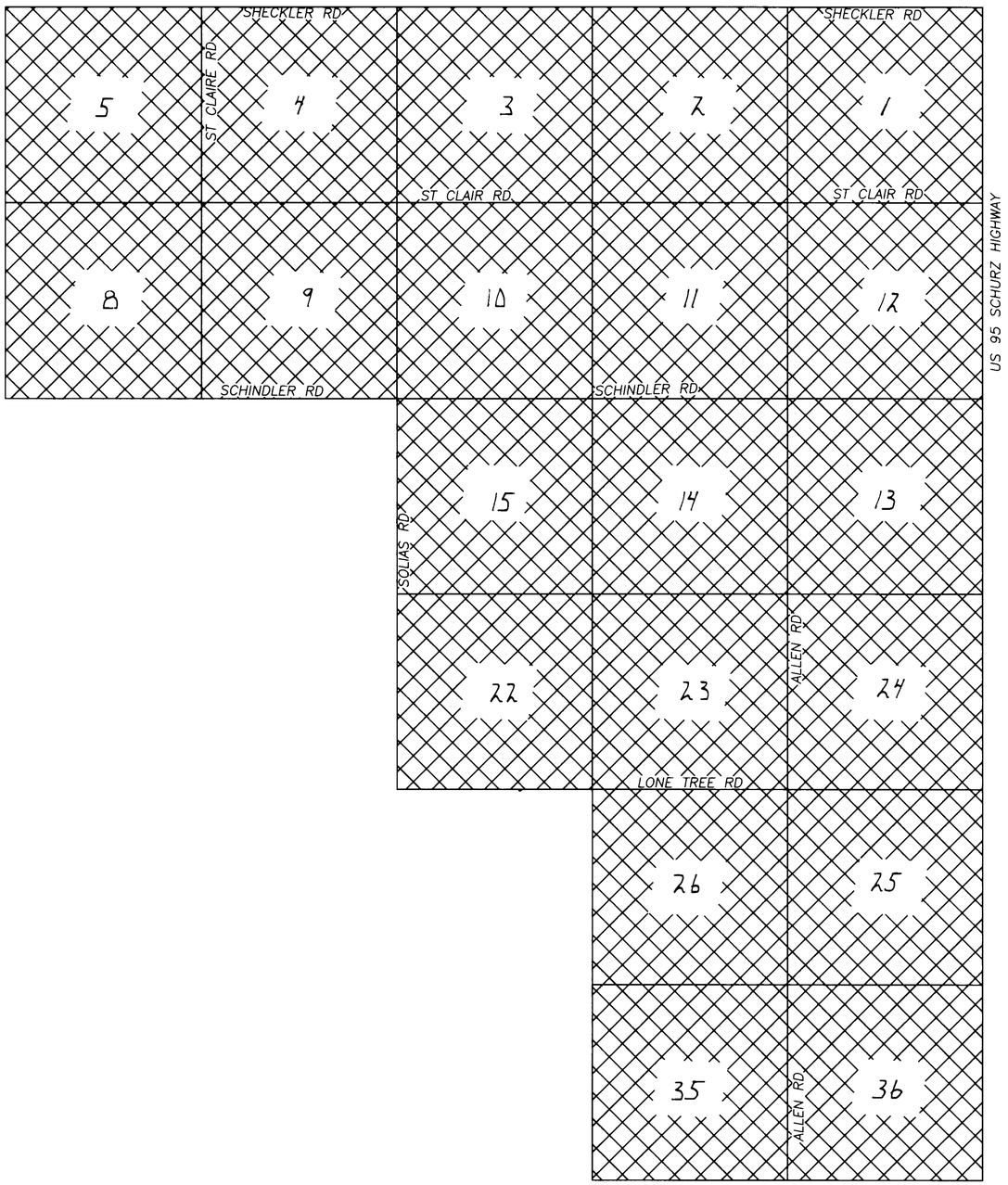
MAP TO ACCOMPANY APPLICATION TO CHANGE THE PLACE OF USE AND MANNER OF USE OF A PORTION FOR COMMERCIAL USE

BY : A & K EARTHMOVERS, INC.

FROM : TRUCKEE RIVER & CARSON RIVER

IN : CHURCHILL COUNTY

68958



TOWNSHIP 18N., RANGE 28E., M.D.B.&M.

ACREAGE

SECTION	TOWNSHIP	RANGE	SUBDIVISION	EXISTING PLACE OF USE (AC)	PROPOSED PLACE OF USE (AC)	DUTY AC.-FT.
1, 2, 3	18N	28E			1,920	
4, 5, 8	18N	28E			1,920	
9, 10, 11	18N	28E			1,920	
12, 13, 14	18N	28E			1,920	
15, 22, 23	18N	28E			1,920	
24, 25, 26	18N	28E			1,920	
35, 36	18N	28E			1,280	
			TOTAL		~~SEE SHEET~~ ~~1 OF 4~~ 12,800	

LEGEND :

EXISTING PLACE OF USE

PROPOSED PLACE OF USE

GRAPHIC SCALE

2000 0 1000 2000 4000 8000

(IN FEET)
1 inch = 2000ft.

SHEET NO. 2 OF 4 SHEETS

LUMOS AND ASSOCIATES
CIVIL ENGINEERS
SURVEYORS
MATERIALS TESTING
170 S. MAINE STREET
FALLON, NEVADA 89406
(775) 423-2186

STATE ENGINEER'S USE

68958

FILED
SEP 30 2002
STATE ENGINEER'S OFFICE

MAP TO ACCOMPANY APPLICATION TO CHANGE THE PLACE OF USE AND MANNER OF USE OF A PORTION FOR COMMERCIAL USE

BY : A & K EARTHMOVERS, INC.

FROM : TRUCKEE RIVER & CARSON RIVER

IN : CHURCHILL COUNTY

68958



Site Search

Permit Information

New Search

App/Permit: 68958
Status: CERTIFICATE
Certificate: 16486

General | Maps & Due Dates | Place of Use | Abrogations/Protests/Rulings | Ownership and Title

Current Ownership Information

(NOTE: Owner names shown here are standardized for retreival purposes only. Verify legal names before submitting any new documentation.)

Owner	Type	Div Rate	Duty	Acres	Change By	APN	County	Description
A & K EARTH MOVERS INC.	B	0.003	2.09	0				ACTUAL DIV. RATE IS "AS DECREED"

Confirmed By:
Effective Date:

Original Owners

Owner
A & K EARTH MOVERS INC.

Remarks

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

Permit 79614S01/Certificate 19977

BASIN: Carson Desert (101) **COUNTY:** Churchill

LATITUDE: 39.405323. **LONGITUDE:** -118.697186

OWNERSHIP:	USFWS
PRIORITY DATE:	2/19/2010
SOURCE DESCRIPTION:	EFF (Treated Effluent from NAS Sewer Treatment Plant)
POINT OF DIVERSION:	SW¼SE¼ Section 23, T.18N., R.29E., M.D.M.
MANNER OF USE:	REC
PLACE OF USE:	Stillwater National Wildlife Refuge (outside existing and proposed lands)
DIVERSION RATE:	0.567 cfs
ALLOWED DUTY:	237.92 afa
PERIOD OF USE:	01/01-12/31
STATUS:	Cert
DUE DATES:	None
REMARKS:	Subject to the terms stated in the *Memorandum of Agreement among the Bureau of Reclamation, Department of the Navy, and the U.S. Fish and Wildlife Service.*

POD PARCEL:	Churchill County APN 006-611-01
POD PARCEL OWNER:	United States of America
POU PARCEL:	Churchill County Multiple
POU PARCEL OWNER:	Multiple

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

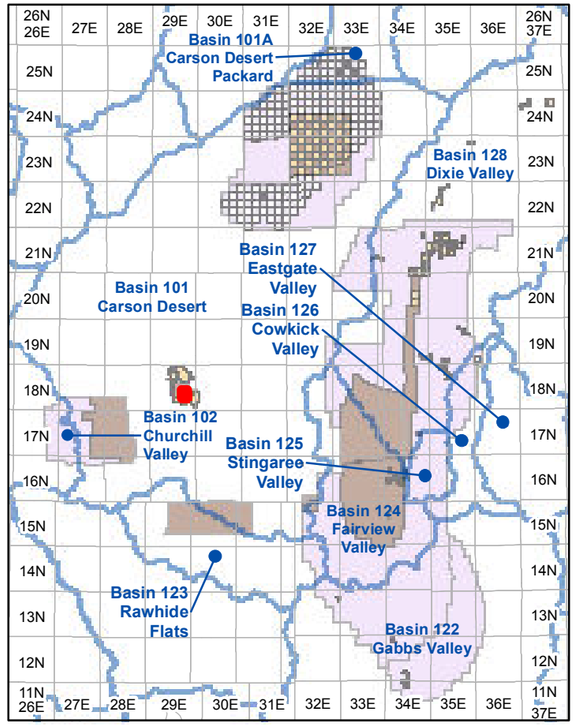
Permit 79614S01/Certificate 19977

The current owner of Permit 79614S01/Certificate 19977 is the United States of America, Fish and Wildlife Service (USFWS). The permit was approved by the State Engineer on November 18, 2010. It has a priority date of February 19, 2010 and was issued Certificate 19977 on February 17, 2016. It has a total duty of 237.92 acre-feet annually with a diversion rate not to exceed 0.567 CFS.

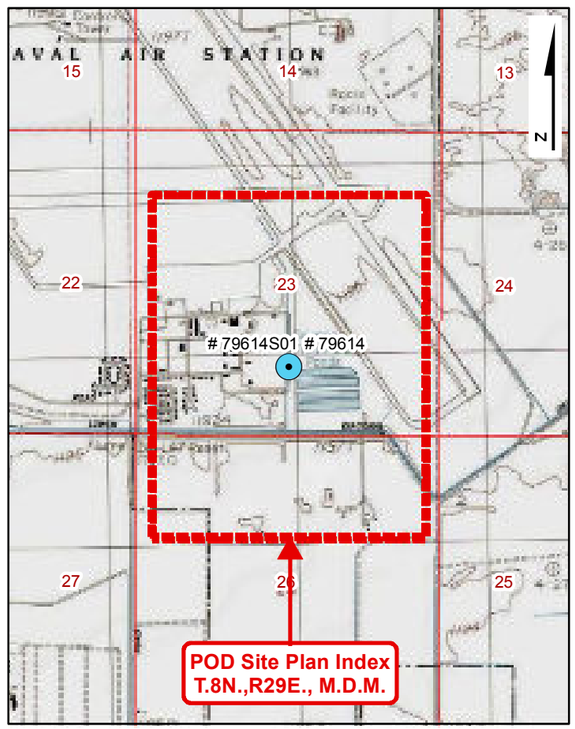
The source of this water is treated effluent from the NAS Fallon Wastewater Treatment Plant and is used for the maintenance of wetlands, recreation, storage and wildlife purposes within the Stillwater National Wildlife Refuge and Management Area. The point of diversion is located within the SW¼SE¼ of Section 23, Township 18N, Range 29E, MDM. The permitted place of use is in the Carson Desert Basin and is more specifically listed in the table below.

Section(s)	Township	Range
NE¼NE¼, SE¼NE¼, NE¼SE¼ and SE¼SE¼ Section 13 (lying east of Stillwater Slough)	19N	30E
NE¼NE¼, NW¼NE¼, NE¼NW¼, SE¼NW¼ and SW¼NE¼ Section 24	19N	30E
2-11, 14-22, 27-33	19N	31E
All Sections	20N	31E
3-10, 16-21, 29-30	20N	32E
All Sections	21N	31E
2-11, 14-22, 27-34	21N	32E

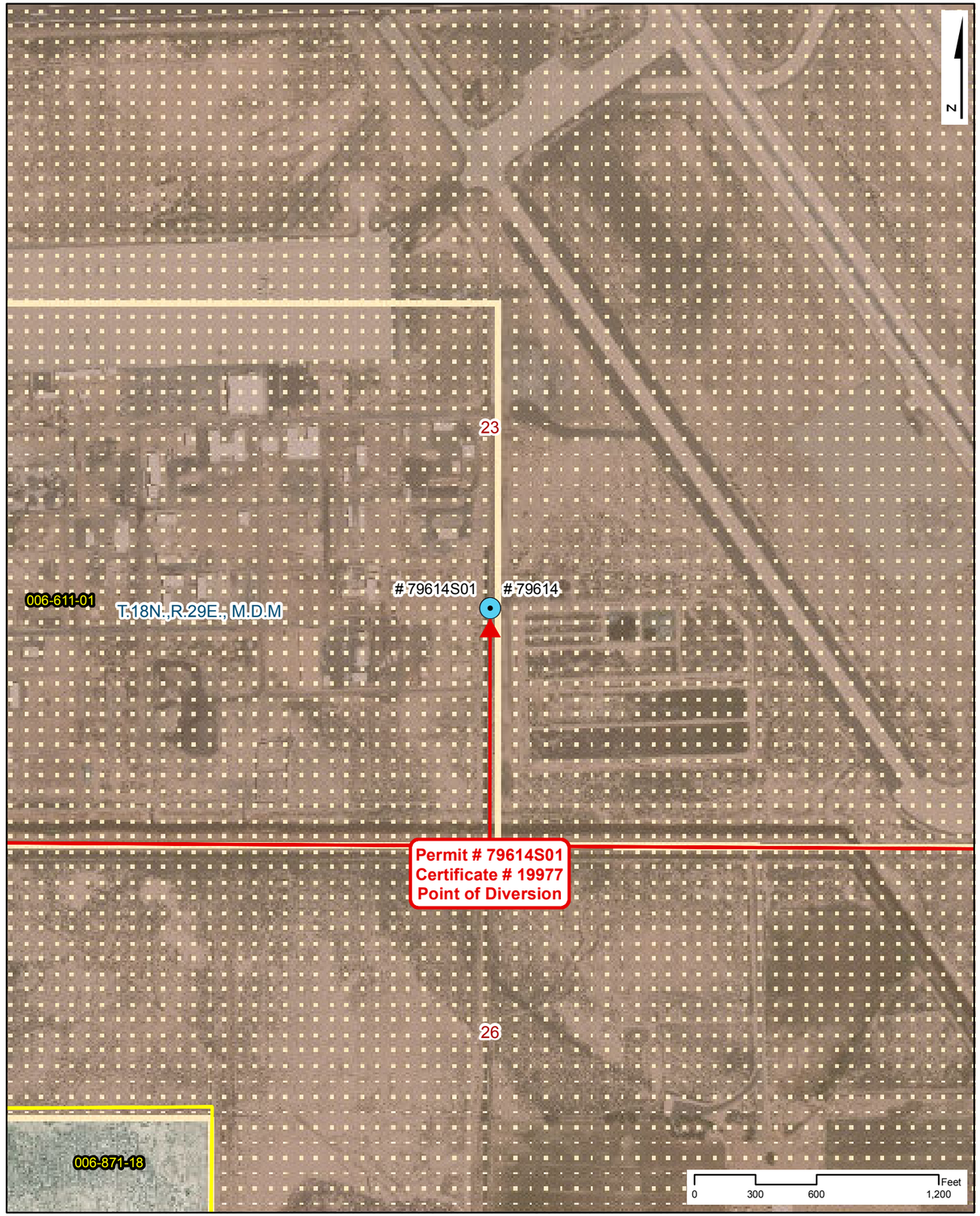
Permit 79614S01/Certificate 19977 is currently in good standing with the NDWR with no further action required, however per the certificate, “this right is issued subject to the availability of effluent by the provider and terminates when that availability ceases and is further subject to the terms stated in the *Memorandum of Agreement among the Bureau of Reclamation, Department of the Navy, and the U.S. Fish and Wildlife Service*”.



Township and Range Index
Scale: 1" = 20 Miles



USGS Quadmap Site Plan Index
Scale: 1" = 1/2 Mile



Point of Diversion Site Plan
Scale: 1" = 600'

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631

WATER RIGHTS RESEARCH INVENTORY SERVICES

PERMIT: 79614S01 — **CERTIFICATE: 19977**

BASIN: Carson Desert (101) — **COUNTY: Churchill**
LATITUDE: 39.405323 — **LONGITUDE: -118.697186**
POINT OF DIVERSION: SW1/4,SE1/4, Section 23, T.8N.,R29E., M.D.M.
PLACE OF USE (DWR Polygon ID): 6412
PERMIT LAND CATEGORY: Existing Lands Privately Held

OWNERSHIP

USFWS

PRIORITY DATE: 2/19/2010
PERMIT DATE: 11/18/2010
CERTIFICATE DATE: 2/17/2016
DUE DATE: None

USE UNITS

SOURCE DESCRIPTION: Effluent
MANNER OF USE: Recreational
DIVERSION RATE: 1.16 CFS
ALLOWED DUTY: 840.000 AFA
PERIOD OF USE: 01/01-12/31

GIS PARCEL DATA

A.P.N. 006-611-01, CHURCHILL COUNTY
UNITED STATES OF AMERICA

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index

- Township Range Grid
- Hydrographic Basins

Existing Navy Lands

- Withdrawan
- Non Federal
- Navy Owned

Proposed Navy Lands

- Proposed Withdrawal Expansion
- Non Federal

Point of Diversion Manner of Use

- As Decreed
- Commercial
- Domestic
- Environmental
- Industrial
- Irrigation
- Mining & Milling
- Municipal
- Other
- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

R O Anderson

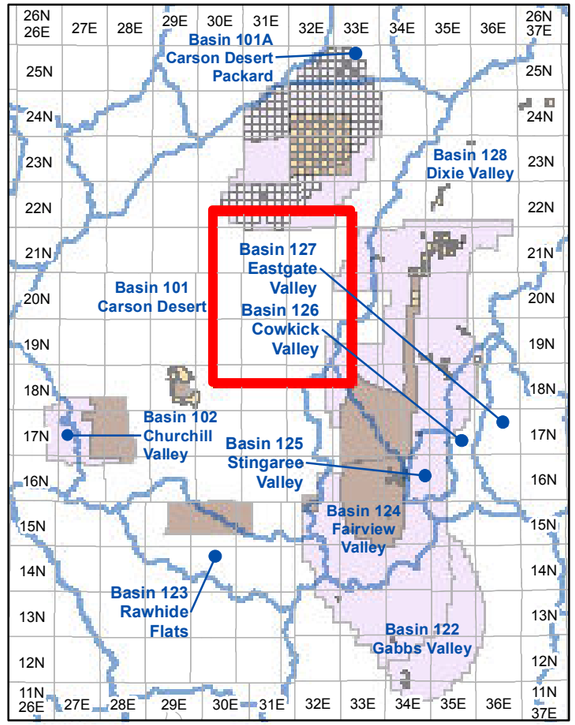
PERMIT: 79614S01
CERTIFICATE: 19977

Product of R.O. Anderson Engineering, Inc. -= Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_Permit_Certificate_Maps.mxd =- GIS Specilist: Eric Herron =- Publication Date: 10/5/2019 11:08:01 AM

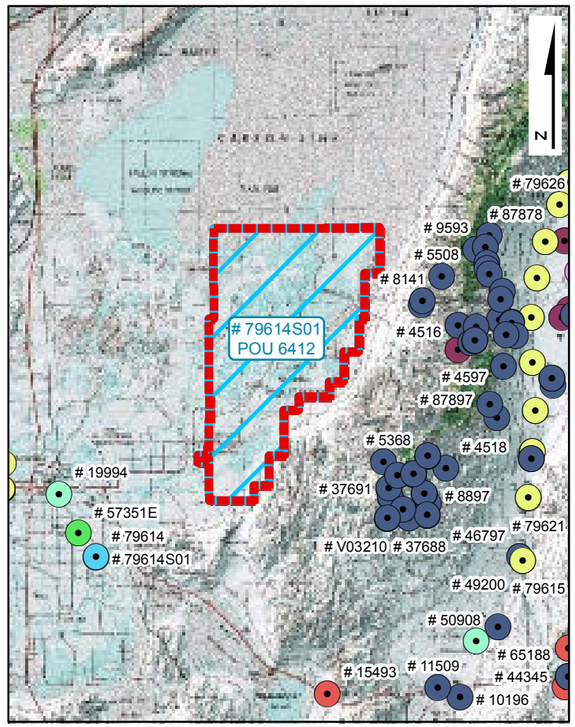
NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH INVENTORY SERVICES

DIVISION OF WATER RESOURCES PLACE OF USE GIS DATA

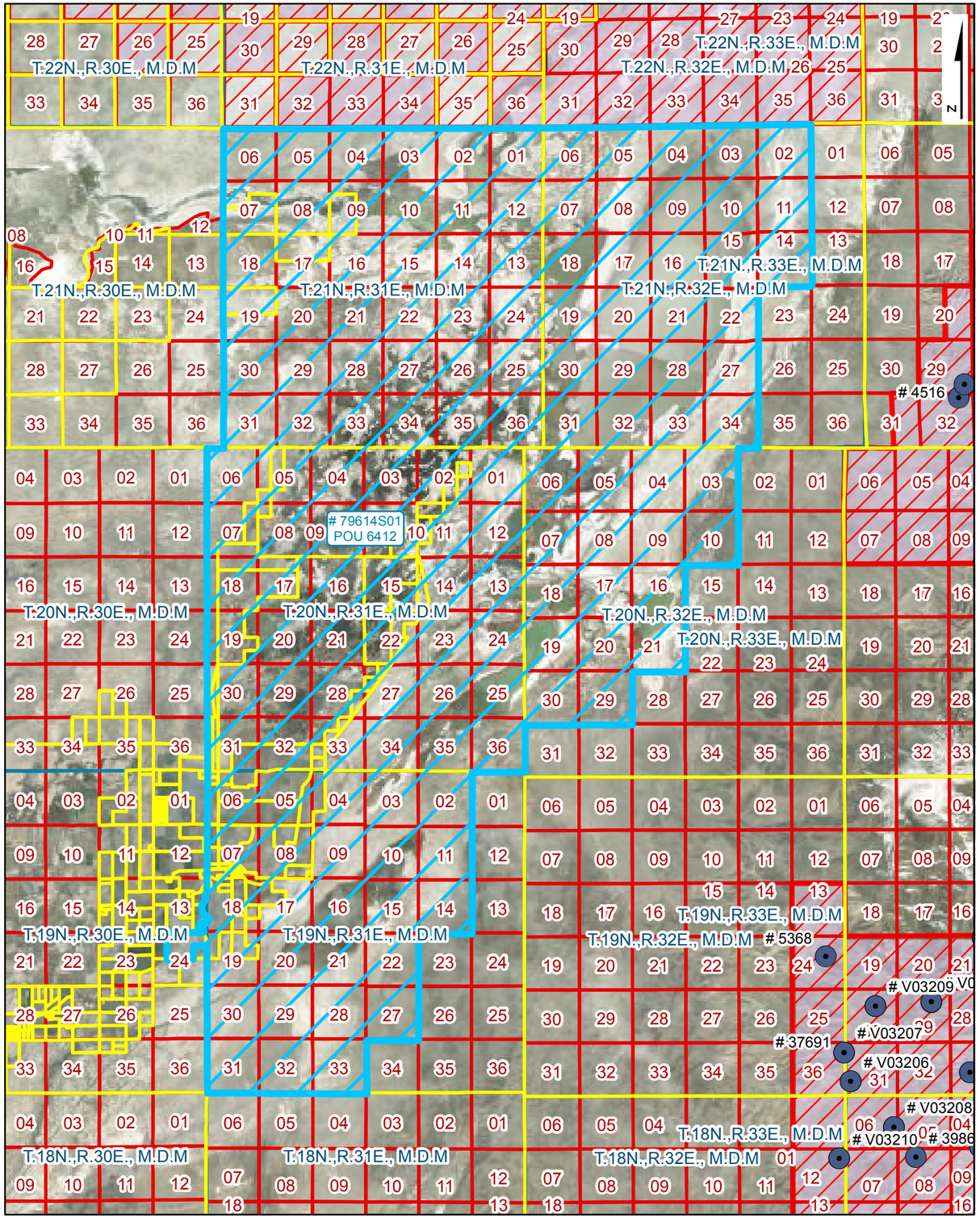
WATER RIGHT: 79614S01 DWR POLYGON ID: 6412



Township and Range Index



USGS Quadmap Site Plan Index



Place of Use Site Plan

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index

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R O Anderson

WATER RIGHT: 79614S01
DWR POLYGON ID: 6412

Product of R.O. Anderson Engineering, Inc. -= Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_POU_Maps.mxd =- GIS Specilist: Eric Herron =- Publication Date: 10/5/2019 11:13:34 AM

Permit No. 79614S01

SECONDARY

THE STATE OF NEVADA

PERMIT TO CHANGE THE PUBLIC WATERS OF THE STATE OF NEVADA HERETOFORE APPROPRIATED

Name of applicant:	**UNITED STATES OF AMERICA FISH AND WILDLIFE SERVICE**
Source:	**STORAGE**
Basin:	**CARSON DESERT**
Manner of Use:	**RECREATIONAL**
Period of Use:	**January 1st to December 31st**
Priority Date:	**02/19/2010**

****

APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This secondary permit is issued subject to the terms and conditions under Permit 79614. The granting of this secondary permit is not intended in any way to waive or affect authority or requirements of water quality control agencies or regulations. This permit is further issued subject to the provisions of NRS 533.440 and the State retains the right to regulate the use of the water herein granted at any and all times. This secondary permit is issued subject to existing rights. A totalizing meter must be installed in the discharge pipeline near the point of diversion and accurate measurements must be kept of effluent diverted to beneficial use. The meter must be installed prior to the filing of the Proof of Completion and before any use of effluent begins.

This secondary permit does not extend the permittee the right of ingress and egress on public, private or corporate lands.

The issuance of this secondary permit does not waive the requirements that the permit holder obtain other permits from State, Federal and local agencies.

The point of diversion and place of use are as described on the submitted application to support this permit.

(Continued on Page 2)

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, **and not to exceed 1.16 cubic feet per second or 840 acre-feet annually.**

Work must be prosecuted with reasonable diligence and proof of completion of work shall be filed on or before: **November 18 2012**

Water must be placed to beneficial use and proof of the application of water to beneficial use shall be filed on or before: **November 18 2015**

Map in support of proof of beneficial use shall be filed on or before: **N/A**

IN TESTIMONY WHEREOF, I, JASON KING, P.E.,

State Engineer of Nevada, have hereunto set my hand and the seal of my office, this 18th day of **November**, A.D. **2010**

J. K. P.E.

State Engineer

Completion of work filed _____

Proof of beneficial use filed _____

Cultural map filed _____

Certificate No. _____ Issued _____

AMENDED

Application No. 79614 SOI

SECONDARY

APPLICATION FOR PERMIT TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

THIS SPACE FOR OFFICE USE ONLY

Date of Filing in State Engineer's Office FEB 19 2010

Returned to applicant for correction MAR 05 2010

Corrected Application filed MAR 23 2010 Map filed MAR 23 2010 under 79614

The applicant United States of America, Fish and Wildlife Service

1000 Auction Road (Street Address or P.O. Box) of Fallon (City or Town)

NV 89406 (State and ZIP Code) hereby make(s) application for permission to appropriate the public waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.)

---

1. The source of the proposed appropriation is Effluent from NAS Fallon's wastewater treatment plant.
   (Name of the stream, lake, underground, spring or other sources.)
2. The amount of water applied for is 1.16 CFS
   (One second foot equals 448.83 gallons per minute.)
   (a) If stored in a reservoir give the number of acre-feet _____
3. The water is to be used for maintenance of wetlands for recreation and wildlife/storage.
   (Irrigation, power, mining, commercial, domestic or other use. Must be limited to one major use.)
4. If use is for:
   (a) Irrigation, state number of acres to be irrigated _____
   (b) Stockwater, state number and kind of animals _____
   (c) Other use (describe fully in No. 12) _____
   (d) Power:
      (1) Horsepower developed _____
      (2) Point of return of water to stream _____

79614501

5. The water is to be diverted from its source at the following point: (Describe as being within a 40-acre subdivision of public survey, and by course and distance to a found section corner. If on unsurveyed land, it should be so stated.)

~~SE1/4 SW1/4 Section 23, T. 18N., R. 29E., M.D.B.&M., or at a point from which the SE corner of said Section 23 bears S64 22'E, a distance of 2,360.00 feet.~~

SW 1/4 SE 1/4 of Section 23, T. 18N., R. 29E., M.D.B. & M., or at a point from which the SE corner of Section 26, T. 18N., R 29E., M.D.B. & M., bears S. 21°56'20"E. a distance of 6,980 feet.

6. Place of use: (Describe by legal subdivision. If on unsurveyed land, it should be so stated)

All federally owned or controlled lands within the approved boundary of the Stillwater National Wildlife Refuge as described in Exhibit "A". Refer to maps filed under Permit ~~65700.~~ ~~79614~~ 63652

REV per phone call

7. Use will begin about January 1 (Month and Day) and end about December 31 (Month and Day) of each year.

8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) (State manner in which water is to be diverted, i.e. diversion structure, ditches and flumes, drilled well with a pump and motor, etc.)

Effluent will be conveyed from the existing NAS Fallon waste water treatment plant through the former E4X Drain, thence via the Lower Diagonal Drain to Stillwater NWR. All necessary works are already completed.

9. Estimated cost of works: N/A

10. Estimated time required to construct works: N/A (If the well is complete, describe works.)

11. Estimated time required to complete the application of water to beneficial use: ten (10) years

12. Remarks: For use other than irrigation or stock watering, state number and type of units to be served or annual consumptive use.

This secondary application to appropriate effluent from NAS Fallon's wastewater treatment plant is made pursuant to the attached Memorandum of Agreement between the Department of the Navy, U.S. Bureau of Reclamation and U.S. Fish and Wildlife Service. Treated effluent will be discharged to a ditch thence into the Lower Diagonal Drain under a permit issued by the Nevada Department of Environmental Protection (Permit NV0110001). The proposed point of diversion is the point at which this effluent is discharged.

3/23/10

Richard Grimes, Supervisory Realty Specialist
Type or print name clearly

Signature, applicant or agent

NV Realty Field Office, U.S. Fish & Wildlife Service
Company Name

1000 Auction Road
Street Address or PO Box

Fallon NV 89406
City, State, ZIP Code

richard_grimes@fws.gov
E-mail Address

(775) 423-5128 extension 225
Phone No.

APPLICATION MUST BE SIGNED
BY THE APPLICANT OR AGENT

$250 FILING FEE AND SUPPORTING MAP MUST ACCOMPANY APPLICATION

Revised 07/09 - secondary

EXHIBIT A

PROPOSED PLACE OF USE
~~APPLICATION TO CHANGE NEWLANDS PROJECT WATER RIGHT~~

The proposed place of use is Stillwater National Wildlife Refuge, consisting of all federally-owned or federally-controlled lands within:

Township 21 North, Range 32 East, Mount Diablo Meridian
Sections: 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 14, 15, 16, 17, 18, 19, 20, 21, 22, 27, 28, 29, 30, 31, 32, 33, and 34

Township 21 North, Range 31 East, Mount Diablo Meridian
Sections: All

Township 20 North, Range 32 East, Mount Diablo Meridian
Sections: 3, 4, 5, 6, 7, 8, 9, 10, 16, 17, 1 8, 19, 20, 21, 29 and 30

Township 20 North, Range 31 East, Mount Diablo Meridian
Sections: All

Township 19 North, Range 31 East, Mount Diablo Meridian
Sections: 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 14, 15, 16, 17, 18, 19, 20, 21 ,22, 27, 28, 29, 30, 31, 32 and 33

Township 19 North, Range 30 East, Mount Diablo Meridian
Section 13: all those portions of the NE¼ NE¼, SE¼ NE¼, NE¼ SE¼, and SE¼ SE¼ lying east of Stillwater Slough

Section 24: NE¼ NE¼, NW¼ NE ¼, NE¼ NW¼, SE¼ NW¼ and SW¼ NE¼

Permit No. **79614S01** Certificate No. **19977**

STATE OF NEVADA

CERTIFICATE OF APPROPRIATION OF WATER

Under the provisions of NRS 533.425, the State Engineer has determined:

The point of diversion of water from the source is as follows:

SW¼ SE¼ Section 23, T.18N., R.29E., M.D.B.&M., or at a point from which the SE corner of Section 26, T.18N., R.29E., M.D.B.&M., bears S. 21°56'20" E., a distance of 6,980 feet situated in Churchill County, State of Nevada.

Owner of Record:	**United States of America, Fish and Wildlife Service**
Source:	**Treated Effluent**
Manner of use:	**Recreation**
Amount of appropriation:	**0.567 c.f.s. but not to exceed 237.92 acre-feet annually**
Period of use:	**January 1st through December 31st of each year**
Date of priority:	**February 19, 2010**

Description of works of diversion and manner and place of use:

Treated effluent is discharged from the Fallon NAS sewer treatment plant into the Lower Diagonal Drain and flows into the Stillwater Reservoir, located within the Stillwater National Wildlife Refuge and Management Area, for maintenance of wetlands, recreation and wildlife/storage located within the following:

Sections 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 14, 15, 16, 17, 18, 19, 20, 21, 22, 27, 28, 29, 30, 31, 32, 33 and 34, T.21N., R.32E., M.D.B.&M.

All of Sections 1 through 36, T.21N., R.31E., M.D.B.&M.

Sections 3, 4, 5, 6, 7, 8, 9, 10, 16, 17, 18, 19, 20, 21, 29 and 30, T.20N., R.32E., M.D.B.&M.

All of Sections 1 through 36, T.20N., R.31E., M.D.B.&M.

Sections 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 14, 15, 16, 17, 18, 19, 20, 21, 22, 27, 28, 29, 30, 31, 32 and 33, T.19N., R.31E., M.D.B.&M.

NE¼ NE¼, SE¼ NE¼, NE¼ SE¼ and SE¼ SE¼ Section 13, T.19N., R.30E., M.D.B.&M., lying east of Stillwater Slough.

NE¼ NE¼, NW¼ NE¼, NE¼ NW¼, SE¼ NW¼ and SW¼ NE¼ Section 24, T.19N., R.30E., M.D.B.&M.

This certificate is issued subject to the terms of the permit and specifically subject to the following term:

This certificate is issued subject to the availability of effluent by the provider and terminates when that availability ceases and is further subject to the terms stated in the *Memorandum of Agreement among the Bureau of Reclamation, Department of the Navy, and the U.S. Fish and Wildlife Service*.

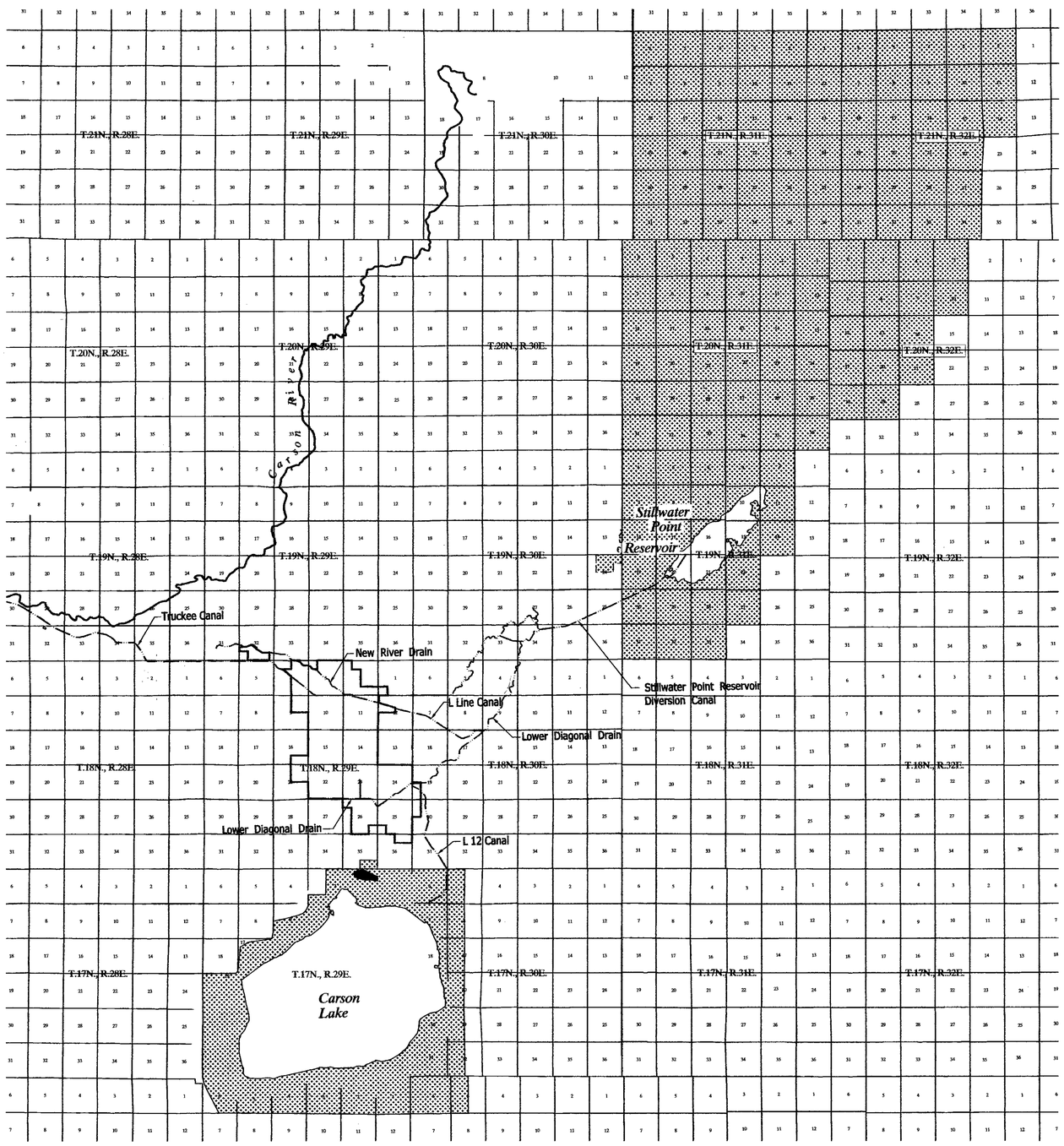
The right to water hereby determined is limited to the amount which can be beneficially used, not to exceed the amount above specified, and the use is restricted to the place and for the purpose as set forth herein.

IN TESTIMONY WHEREOF, I, JASON KING, P.E., State Engineer of Nevada, have hereunto set my hand and the seal of my office, this 17th day of February, **2016**.

P.E.

State Engineer

MMM/sc



PROPOSED ROUTES OF DELIVERY

LEGEND

- PROPOSED PLACE OF USE (NOT INCLUDING CARSON LAKE)
- FLOW ROUTE

SCALE

10,000 0 5,000 10,000 20,000 40,000 FEET

1 inch = 10,000 ft.

STATE OF NEVADA } SS
COUNTY OF WASHOE

I, JACOB R. HILDEBRAND, BEING FIRST DULY SWORN, DEPOSE AND SAY THAT SITE INSPECTIONS HAVE BEEN MADE BY ME, OR UNDER MY SUPERVISION AND DIRECTION, ON OR BEFORE MARCH 17, 2010; THAT THE LOCATION OF EACH REFERENCE MONUMENT HAS BEEN VERIFIED BY SITE INSPECTION; THAT THE POINT OF DIVERSION AND PLACE OF USE SITES HAVE BEEN INSPECTED; THAT THIS MAP CONSISTING OF 2 SHEETS, NUMBERED 1 THRU 2, INCLUSIVE, HAS BEEN CORRECTLY DRAWN TO THE DESIGNATED SCALE FROM SURVEYING CALCULATION NOTES PREPARED BY ME, OR UNDER MY SUPERVISION AND DIRECTION, RELYING UPON ANALYSIS OF RECORDED SURVEY MAPS AND OTHER RECORDED SURVEYING DOCUMENTS IN THE OFFICE OF THE CHURCHILL COUNTY RECORDER, US GEOLOGICAL SURVEY, US BUREAU OF LAND MANAGEMENT, AND THE NEVADA DIVISION OF WATER RESOURCES; THAT THIS MAP TRULY AND CORRECTLY REPRESENTS THE PROPOSED LOCATION AND EXTENT OF THE WORKS USED TO DIVERT WATER FROM AN EFFLUENT SOURCE, BEING THE NAVAL AIR STATION FALLON WASTEWATER TREATMENT FACILITY, IN CHURCHILL COUNTY, NEVADA, BY THE DEPARTMENT OF THE NAVY, NAVAL AIR STATION FALLON, FOR STORAGE (PRIMARY) PURPOSES AND BY UNITED STATES OF AMERICA, FISH AND WILDLIFE SERVICE, FOR THE MAINTENANCE OF WETLANDS FOR RECREATION AND WILDLIFE/STORAGE (SECONDARY) PURPOSES. THAT ALL OTHER WORKS OR STREAMS WHICH ARE CROSSED BY OR CONNECTED WITH SAID WORKS, BOUNDARY OF ALL LANDS PROPOSED TO BE SERVED, ARE CORRECTLY SHOWN AND DESIGNATED THEREON.

JACOB R. HILDEBRAND, PROFESSIONAL ENGINEER, STATE OF NEVADA, No. 15757, Exp: 6-30-11, CIVIL

3/19/2010

JACOB R. HILDEBRAND, SWRS # 1124

ANTOINETTE K. MORRISON, Notary Public - State of Nevada, Appointment Recorded in Washoe County, No: 04-88271-2 - Expires February 8, 2012

SUBSCRIBED AND SWORN TO BEFORE ME
THIS 19 DAY OF March, 2010.
NOTARY PUBLIC IN AND FOR Washoe COUNTY, Nevada.
MY COMMISSION EXPIRES February 8, 2012

TEC CIVIL ENGINEERING CONSULTANTS
9480 Double Diamond Pkwy, #200, Reno, Nevada 89521
(775)352-7800 Fax(775)352-7929

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STATE ENGINEER'S USE

79614, 79614S01

FILED MAR 23 2010 STATE ENGINEER'S OFFICE

RECEIVED 2010 MAR 23 PM 2:21 STATE ENGINEERS OFFICE

MAP TO ACCOMPANY APPLICATIONS TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA
BY
DEPARTMENT OF THE NAVY, NAVAL AIR STATION FALLON (PRIMARY)
&
UNITED STATES OF AMERICA, FISH AND WILDLIFE SERVICE (SECONDARY)
FOR
STORAGE (PRIMARY) PURPOSES
MAINTENANCE OF WETLANDS FOR RECREATION AND WILDLIFE/STORAGE (SECONDARY) PURPOSES
FROM AN EFFLUENT SOURCE
CHURCHILL COUNTY NEVADA

79614S01 79614

TEC CIVIL ENGINEERING CONSULTANTS
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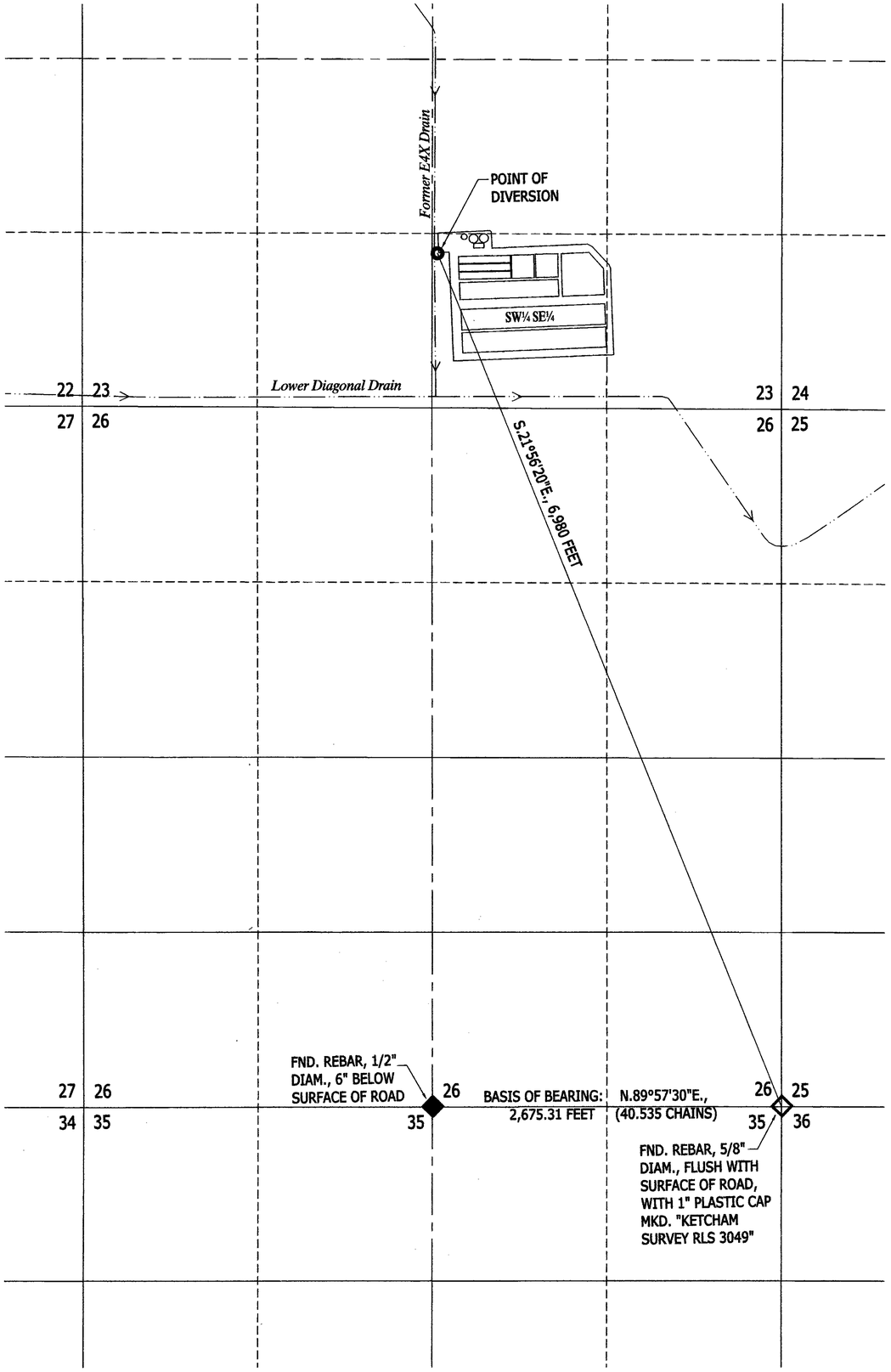


Naval Air Station, Fallon, Wastewater Treatment Plant
Sec. 23, T.18N., R.29E., M.D.B.&M.

LEGEND

——·—— – FLOW ROUTE

◇ – FOUND SECTION CORNER AS MARKED PER B.L.M. DEPENDENT RESURVEY, SEC. 35

◆ – FOUND QUARTER CORNER AS MARKED PER B.L.M. DEPENDENT RESURVEY, SEC. 35

BASIS OF BEARINGS

THE NORTH LINE OF THE NORTHEAST QUARTER OF SECTION 35, TOWNSHIP 18 NORTH, RANGE 29 EAST, M.D.B.&M., BEARING N.89°57'30"E., 2,675.31 FEET (40.535 CHAINS), PER THE BUREAU OF LAND MANAGEMENT DEPENDENT RESURVEY AND SUBDIVISION OF SECTION 35, DATED NOVEMBER 23RD, 1998.

SCALE

500 0 250 500 1,000 2,000 FEET

1 inch = 500 ft.

fileserver1\Storage\water rights projects\USFW\USFW011\USFW effluent applications.dwg *March 17, 2010* *Sheet 2 of 2*

STATE ENGINEER'S USE

79614, 79614S01

FILED
MAR 23 2010
STATE ENGINEER'S OFFICE

RECEIVED
2010 MAR 23 PM 2:21
STATE ENGINEERS OFFICE

MAP TO ACCOMPANY APPLICATIONS TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA
BY
DEPARTMENT OF THE NAVY, NAVAL AIR STATION FALLON (PRIMARY)
&
UNITED STATES OF AMERICA, FISH AND WILDLIFE SERVICE (SECONDARY)
FOR
STORAGE (PRIMARY) **PURPOSES**
MAINTENANCE OF WETLANDS FOR RECREATION AND WILDLIFE/STORAGE (SECONDARY) **PURPOSES**
FROM AN EFFLUENT SOURCE
CHURCHILL COUNTY **NEVADA**

79614 S01 79614

State of Nevada
Division of Water Resources

Site Search

Permit Information

New Search

App/Permit: 79614S01
Status: CERTIFICATE
Certificate: 19977

General | Maps & Due Dates | Place of Use | Abrogations/Protests/Rulings | Ownership and Title

Current Ownership Information

(NOTE: Owner names shown here are standardized for retreival purposes only. Verify legal names before submitting any new documentation.)

Owner	Type	Div Rate	Duty	Acres	Change By	APN	County	Description
USFWS	B	0.567	237.92	0			CHURCHILL	

Confirmed By:
Effective Date:

Original Owners

Owner
USFWS

Remarks

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

Application 79615

BASIN: Dixie Valley (128) **COUNTY:** Churchill

LATITUDE: 39.401723 **LONGITUDE:** -118.165376

OWNERSHIP:	Churchill County
PRIORITY DATE:	2/19/2010
SOURCE DESCRIPTION:	UG
POINT OF DIVERSION:	NW¼NW¼ Section 28, T.18N., R.34E., M.D.M.
MANNER OF USE:	MUN
PLACE OF USE:	See attached sheet
DIVERSION RATE:	6.0 cfs
ALLOWED DUTY:	0.00
PERIOD OF USE:	01/01-12/31
STATUS:	RFA
RFA DATE:	04/27/2010
REMARKS:	

POD PARCEL:	Churchill County APN 003-091-01
POD PARCEL OWNER:	Bureau of Land Management
POU PARCEL:	Churchill County APN Multiple
POU PARCEL OWNER:	Multiple

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

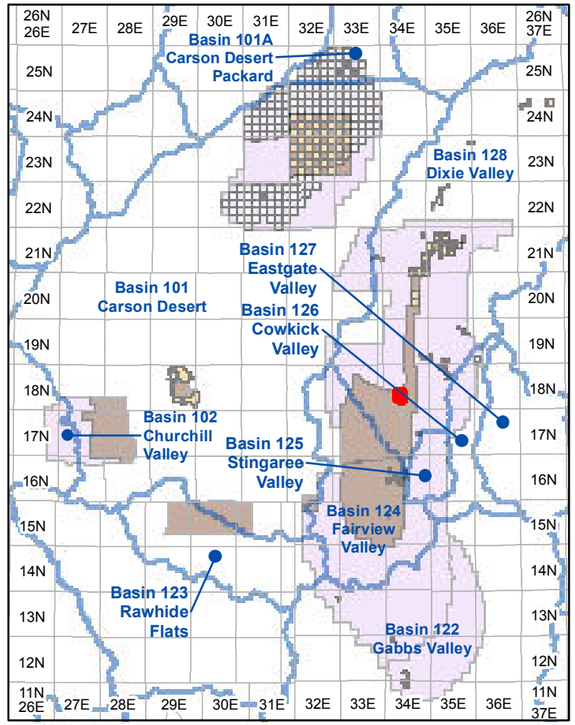
Application 79615

The current owner of Application 79615 is Churchill County. The application was submitted to the NDWR on February 19, 2010. The application requests an allowed diversion rate of 6.0 CFS be permitted for municipal purposes from January 1 through December 31.

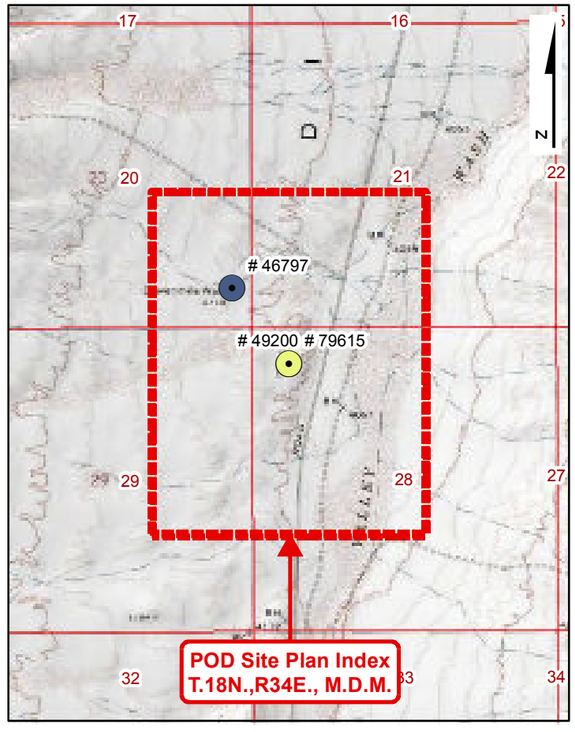
The proposed point of diversion is located within the NW¼NW¼ Section 28, Township 18N, Range 34E, MDM. The proposed place of use is within Churchill County and is more specifically listed in the following table.

Section(s)	Township	Range
1-4, E½5, E½8, 9-16, E½17, E½20, 21-28, E½29, 30, 31, E½32, 33-36	20N	26E
All Sections	20N	27E
All Sections	20N	28E
All Sections	20N	29E
All Sections	20N	30E
All Sections	20N	31E
W½4, 5-8, W½9, W½ & S½16, 17-21, 29-30	20N	32E
1-4, E½5, E½8, 9-36,	19N	26E
All Sections	19N	27E
All Sections	19N	28E
All Sections	19N	29E
All Sections	19N	30E
2-11, 14-22, 27-33	19N	31E
1-30, 32-36	18N	26E
All Sections	18N	27E
All Sections	18N	28E
All Sections	18N	29E
All Sections	18N	30E
W½4, 5-8, W½9, W½16, 17-20, W½21, W½28, 29-32, W½33	18N	31E
1-3, 10-15, 21-28, 33-36	17N	28E
All Sections	17N	29E
All Sections	17N	30E

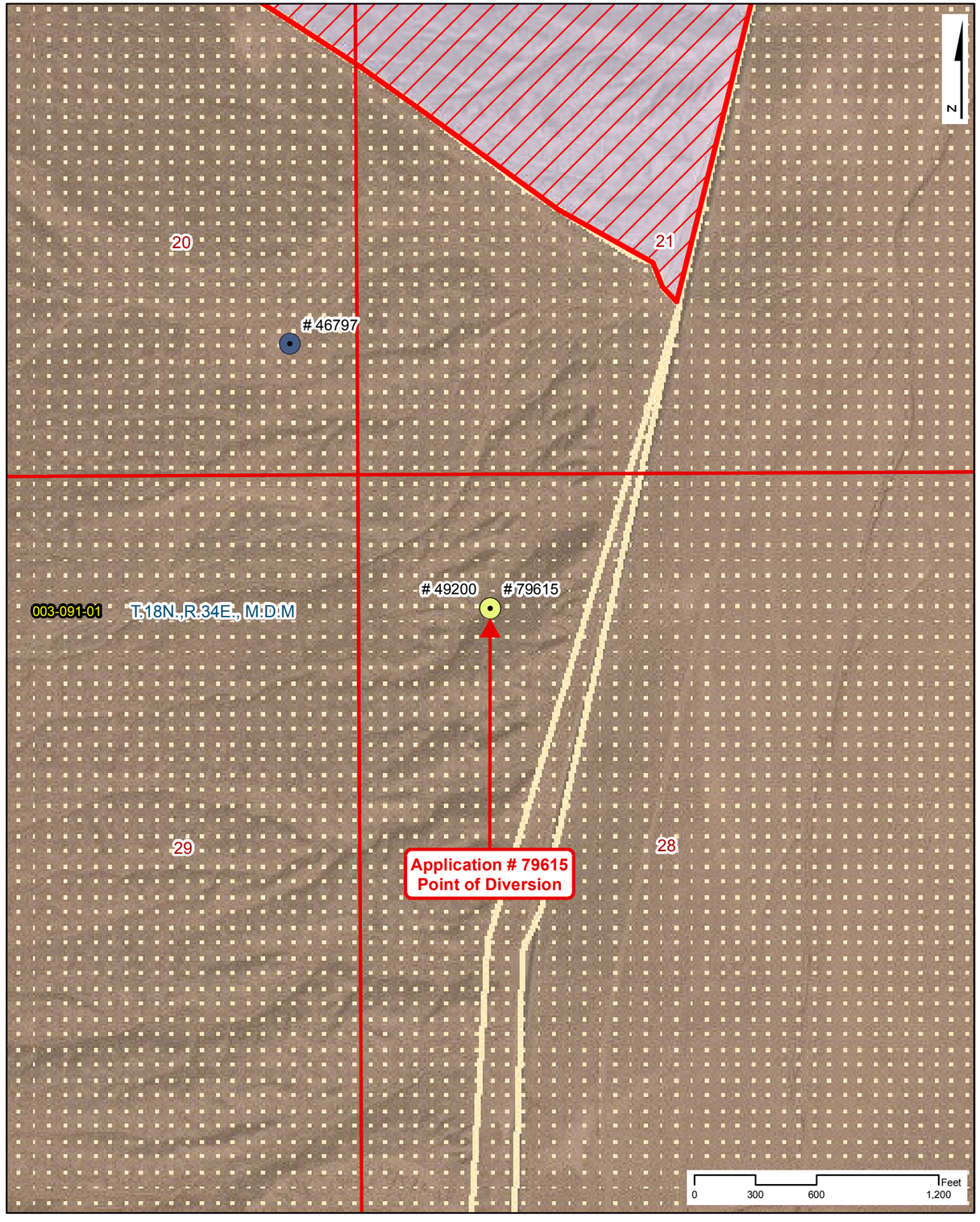
Application 79615 has gone through the noticing period and has been in RFA status with the NDWR since April 27, 2010.



Township and Range Index
Scale: 1" = 20 Miles



USGS Quadmap Site Plan Index
Scale: 1" = 1/2 Mile



Point of Diversion Site Plan
Scale: 1" = 600'

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH INVENTORY SERVICES

Application: 79615

BASIN: Dixie Valley (128) — **COUNTY: Churchill**
LATITUDE: 39.401723 — **LONGITUDE: -118.165376**
POINT OF DIVERSION: NW1/4,NW1/4, Section 28, T.18N.,R34E., M.D.M.
PLACE OF USE (DWR Polygon ID): 6723
PERMIT LAND CATEGORY: Existing Lands Privately Held

OWNERSHIP
Churchill County

FILING DATE: 2/19/2010
RFA DATE: 4/27/2010
STATUS: Ready for Action

USE UNITS

SOURCE DESCRIPTION: Underground
MANNER OF USE: Municipal
DIVERSION RATE: 6 CFS
ALLOWED DUTY: 0.000 AFA
PERIOD OF USE: 01/01-12/31

GIS PARCEL DATA
A.P.N. 003-091-01, CHURCHILL COUNTY
BUREAU OF LAND MANAGEMENT

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
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- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index
- Township Range Grid
- Hydrographic Basins

Existing Navy Lands
- Withdrawan
- Non Federal
- Navy Owned

Proposed Navy Lands
- Proposed Withdrawal Expansion
- Non Federal

Point of Diversion Manner of Use
- As Decreed
- Commercial
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- Other
- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

R O Anderson

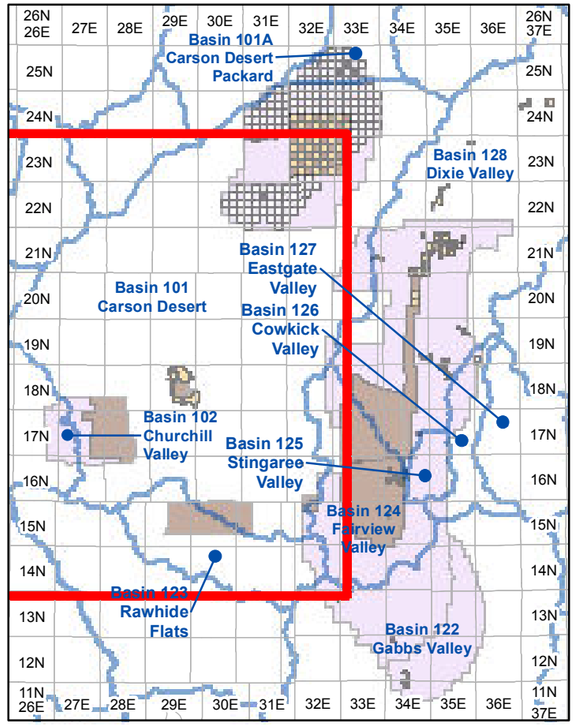
Application: 79615

Product of R.O. Anderson Engineering, Inc. -= Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_Application_Maps.mxd =- GIS Specilist: Eric Herron -=- Publication Date: 10/5/2019 10:48:45 AM

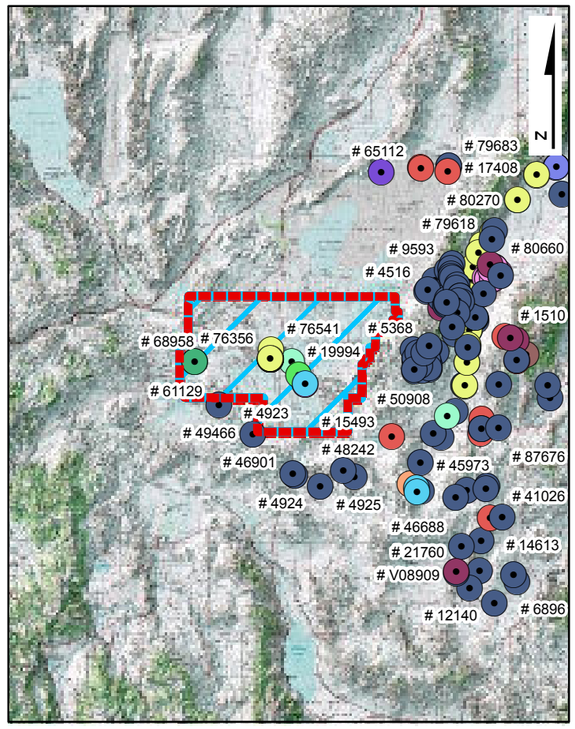
NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH INVENTORY SERVICES

DIVISION OF WATER RESOURCES PLACE OF USE GIS DATA

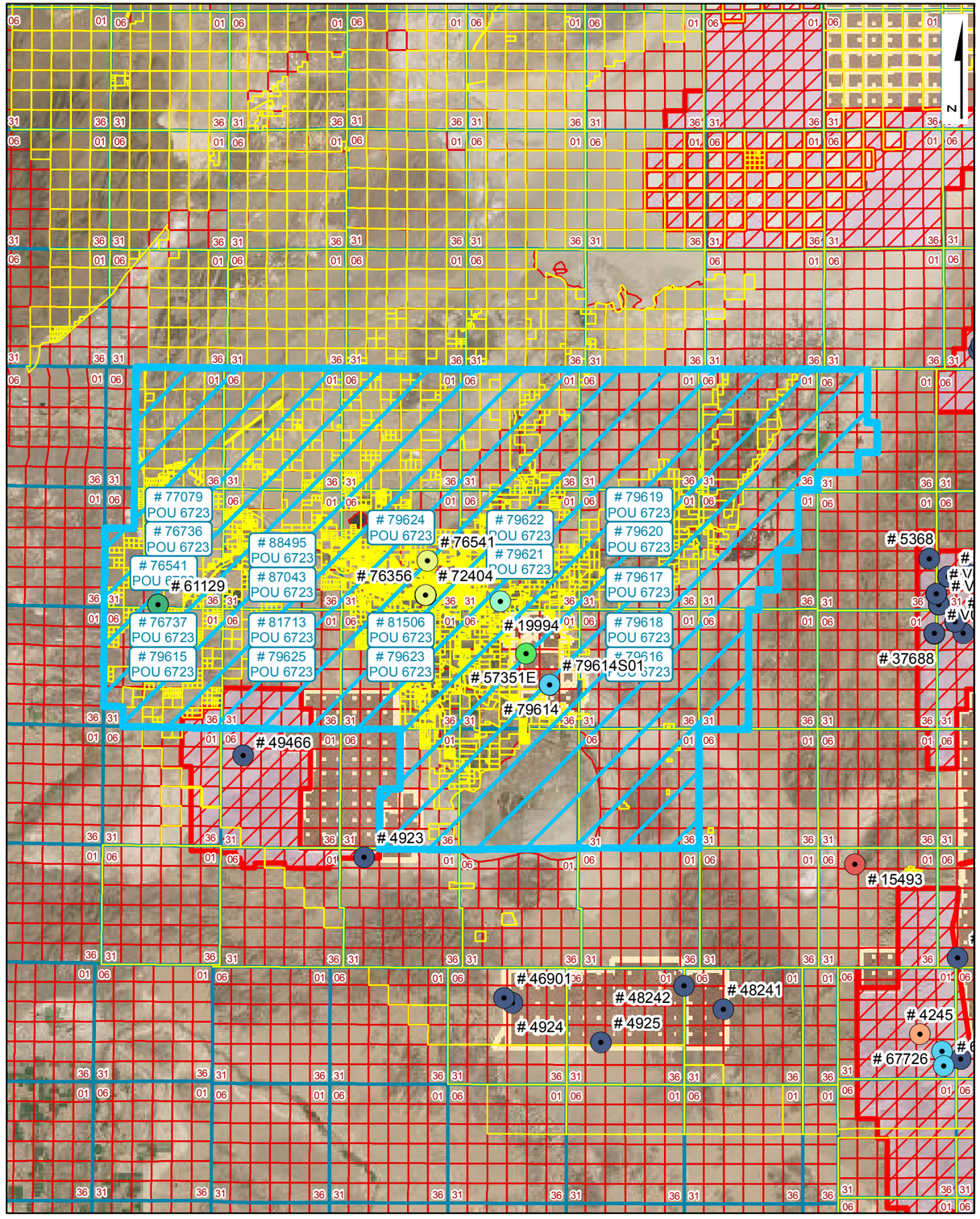
WATER RIGHT: 79615 **DWR POLYGON ID: 6723**



Township and Range Index



USGS Quadmap Site Plan Index



Place of Use Site Plan

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index

- Township Range Grid
- Hydrographic Basins

Existing Navy Lands

- Withdrawan
- Non Federal
- Navy Owned

Proposed Navy Lands

- Proposed Withdrawal Expansion
- Non Federal

Point of Diversion Manner of Use

- As Decreed
- Commercial
- Domestic
- Environmental
- Industrial
- Irrigation
- Mining & Milling
- Municipal
- Other
- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

R|O Anderson

WATER RIGHT: 79615
DWR POLYGON ID: 6723

Product of R.O. Anderson Engineering, Inc. -=- Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_POU_Maps.mxd -=- GIS Specilist: Eric Herron -=- Publication Date: 10/5/2019 12:03:51 PM

Application No. 79615

APPLICATION FOR PERMIT TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

THIS SPACE FOR OFFICE USE ONLY

Date of Filing in State Engineer's Office FEB 19 2010

Returned to applicant for correction _____

Corrected Application filed _____ Map filed NOV 27 1985 under 49200

The applicant Churchill County, a political subdivision of the State of Nevada

155 N. Taylor Street, Suite 153 (Street Address or P.O. Box) of Fallon (City or Town)

Nevada 89406 (State and ZIP Code) hereby make(s) application for permission to appropriate the public waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.)

---

1. The source of water is Underground
   Name of the stream, lake, underground, spring or other sources.
2. The amount of water applied for is 6.0 cfs
   One second foot equals 448.83 gallons per minute.
   (a) If stored in a reservoir give the number of acre-feet _____
3. The water is to be used for Municipal
   Irrigation, power, mining, commercial, domestic or other use. Must be limited to one major use.
4. If use is for:
   (a) Irrigation, state number of acres to be irrigated _____
   (b) Stockwater, state number and kind of animals _____
   (c) Other use (describe fully in No. 12) _____
   (d) Power:
      (1) Horsepower developed _____
      (2) Point of return of water to stream _____

Revised 07/09

128-CH

5. The water is to be diverted from its source at the following point: (Describe as being within a 40-acre subdivision of public survey, and by course and distance to a found section corner. If on unsurveyed land, it should be so stated.)

NW¼ NW¼ Section 28, T.18N., R.34E., M.D.B.&M. or at a point from which the NW corner of said Section 28 bears N44°58'30"W a distance of 933.38 feet. Refer to map filed under Application 49200, sheet 1 of 2.

6. Place of use: (Describe by legal subdivision. If on unsurveyed land, it should be so stated)

See Exhibit "A". Refer to map filed under Permit 76541, sheet 3 of 3.

7. Use will begin about January 1 (Month and Day) and end about December 31 (Month and Day) of each year.

8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) (State manner in which water is to be diverted, i.e. diversion structure, ditches and flumes, drilled well with a pump and motor, etc.)

Well equipped with pump and motor, pump stations, storage tanks, water treatment facilities and distribution system.

9. Estimated cost of works: $300 Million

10. Estimated time required to construct works: 20 years
(If the well is complete, describe works.)

11. Estimated time required to complete the application of water to beneficial use: 30 years

12. Provide a detailed description of the proposed project and its water usage (use attachments if necessary): (Failure to provide a detailed description may cause a delay in processing.)

See Exhibit "B"

13. Miscellaneous remarks:

See Exhibit "B"

Chris C. Mahannah, P.E./SWRS#976 - Agent
Type or print name clearly

Signature, applicant or agent

chris@gbis.com
E-mail Address

(775) 323-1804
Phone No.

Mahannah & Associates, LLC
Company Name

P.O. Box 2494
Street Address or PO Box

Reno, NV 89505
City, State, ZIP Code

APPLICATION MUST BE SIGNED BY THE APPLICANT OR AGENT

Revised 07/09 $300 FILING FEE AND SUPPORTING MAP MUST ACCOMPANY APPLICATION

79615

Exhibit "A" - Proposed Place of Use

TWN	RNG	Sections
20N	26E	1-4, E½ 5, E½ 8, 9-16, E½ 17, E½ 20, 21-28, E½ 29, E½ 32, 33-36
20N	27E	1-36
20N	28E	1-36
20N	29E	1-36
20N	30E	1-36
20N	31E	1-36
20N	32E	W½ 4, 5-8, W½ 9, W½ & S½ 16, 17-21, 29, 30
19N	26E	1-4, E½ 5, E½ 8, 9-36
19N	27E	1-36
19N	28E	1-36
19N	29E	1-36
19N	30E	1-36
19N	31E	2-11, 14-22, 27-33
18N	26E	1-30, 32-36
18N	27E	1-36
18N	28E	1-36
18N	29E	1-36
18N	30E	1-36
18N	31E	W½ 4, 5-8, W½ 9, W½ 16, 17-20, W½ 21, W½ 28, 29-32, W½ 33
17N	28E	1-3, 10-15, 21-28, 33-36
17N	29E	1-36
17N	30E	1-36

Exhibit "B"

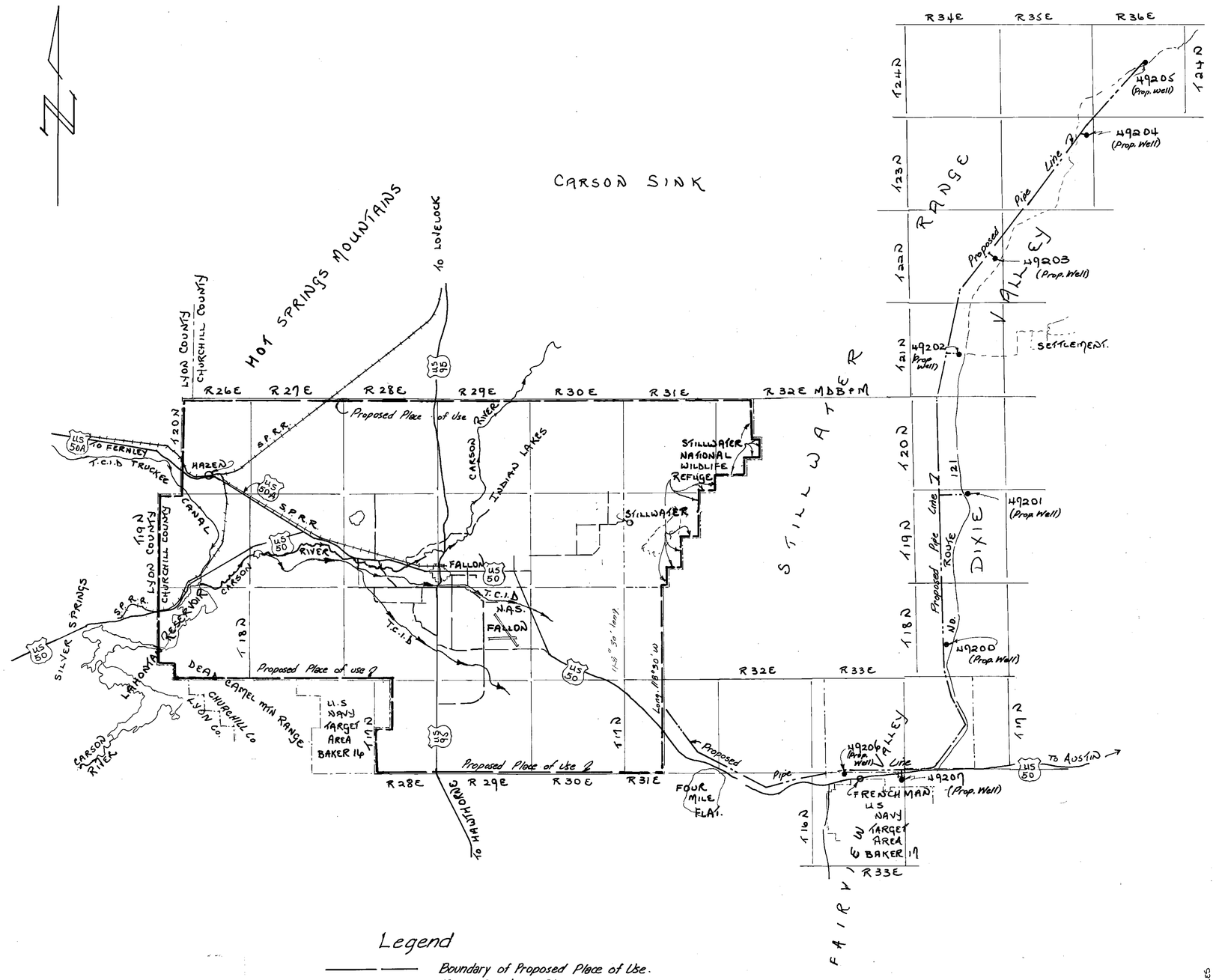
Question 12:

The Dixie Valley underground water resource has been identified as a long-term municipal supply for Churchill County in their 2025/2050 Water Resource Plan dated 8 October 2003 and the Water Resource Plan Update dated April 2007. Both of these plans have provided feasibility level design and cost estimates for development of the resource.

Question 13:

Churchill County currently has pending applications 49200 – 49205 and 49794 – 49800 in Dixie Valley seeking any unappropriated perennial yield. These applications were not protested and action by the State Engineer was postponed pending water supply studies. These duplicate applications are being filed as a precautionary measure as a result of the recent Nevada Supreme Court decision (126 Nev., Advance Opinion 2) filed 28 January 2010. Applicant files these applications without waiving or in any way prejudicing any priority, rights, privileges or entitlements associated with applicant's previously filed pending applications.

Churchill County and their consultants are currently study team members in a 5-year (FY09-13) comprehensive water resource study of Dixie Valley and Tributary Basins being headed by the Bureau of Reclamation (BOR). Funding and authorization was granted under PL 110-161. Study team members include the BOR, USGS, State Engineer and private consultants. Applicant requests action is postponed on these applications and prior applications 49200 – 49205 and 49794 - 49800, pending the outcome of the ongoing water resource study.



Legend

- Boundary of Proposed Place of Use.
- Major Canal or Stream.
- Proposed Pipe Line

5 MILES 0 MILES 5 MILES 10 MILES 15 MILES

1"=4 mi.
SCALE 1: 250,000

69323 CERTIFICATE NO. 76150 ISSUED 12-4-06

FILED NOV 27 2006 STATE ENGINEER'S OFFICE

PREPARED BY:
LIAHONA ENGINEERING
P. O. BOX 1059
FERNLEY NV. 89408
1-702-575-2563

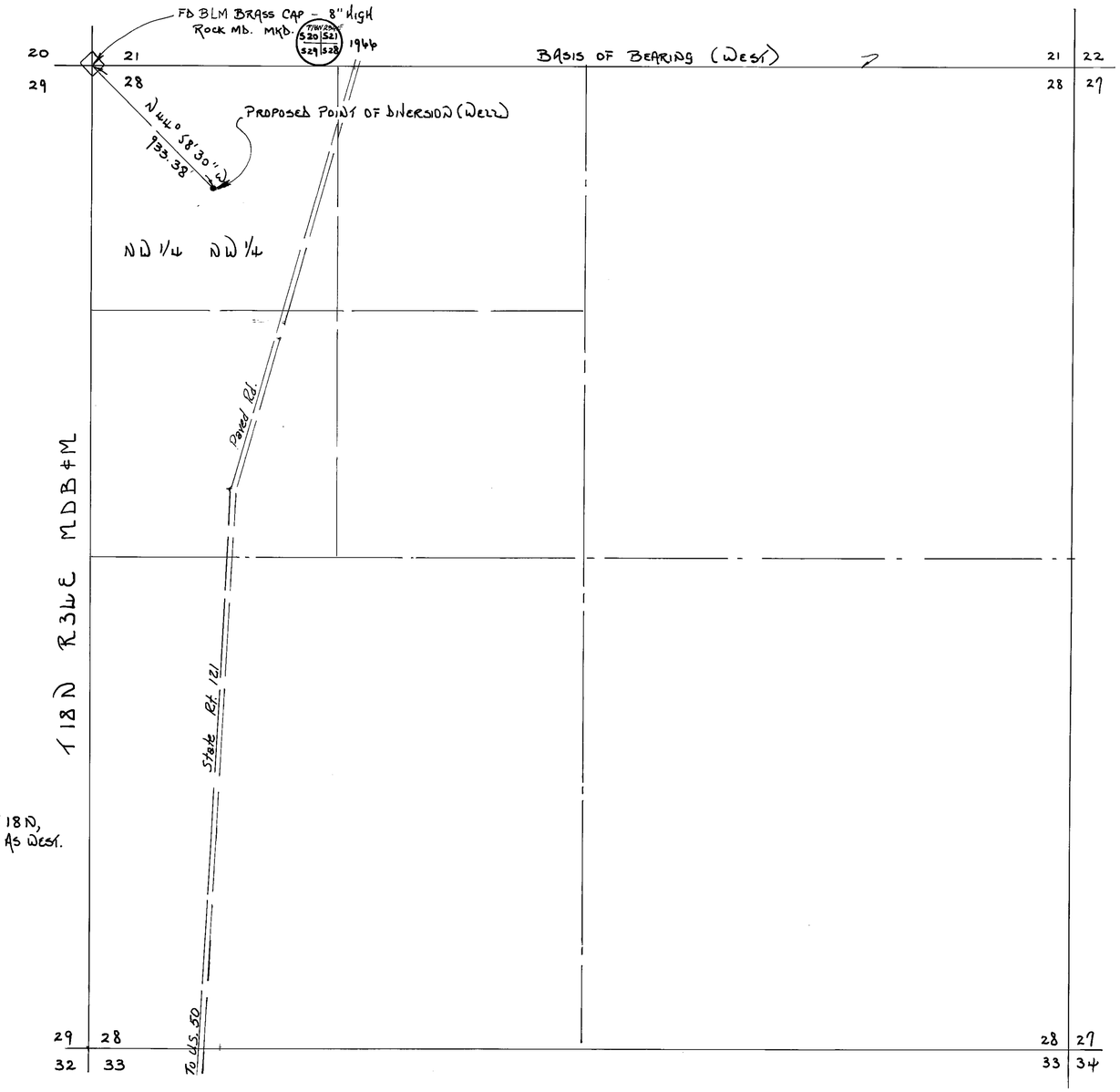
MAP
TO ACCOMPANY APPLICATION Nº 49200
TO APPROPRIATE WATER FOR QUASI-
MUNICIPAL PURPOSES
BY: TIMOTHY J. DURBIN
FROM: AN UNDERGROUND SOURCE
IN: CHURCHILL COUNTY, NEVADA.

86358
86359T
83812
83225
81506
80516
77064
77063

DO NOT USE AS A POD MAP. OBSOLETE. WR
New map from Churchill County requested 10/9/2007 MBT

76356
73635
73003
73002
73001
73000

72426 72404 71860 69323 68631T 49800 49799 49798 49797 49796 49795 49794 49207 49206 49205 49204 49203 49202 49201 49200



BASIS OF BEARING
GLO PLAT MAP (1969)
NORTH LINE SEC. 28, T 18 N,
R 34 E, MDB&M SHOWN AS WEST.

STATE OF NEVADA
COUNTY OF LYON ss

I, ROBERT D. MILLARD, BEING FIRST DULY SWORN, DEPOSE AND SAY THAT THIS MAP, CONSISTING OF 2 SHEETS NUMBERED FROM 1 TO 2 INCLUSIVE, HAVE BEEN CORRECTLY DRAWN TO THE DESIGNATED SCALE FROM FIELD NOTES OF A SURVEY MADE UNDER MY SUPERVISION AND DIRECTION BETWEEN THE 15TH DAY OF NOVEMBER AND THE 23RD DAY OF NOVEMBER, 1985; THAT IT TRULY AND CORRECTLY REPRESENTS THE PROPOSED LOCATION AND EXTENT OF THE WORKS USED TO DIVERT WATER FROM AN UNDERGROUND SOURCE IN CHURCHILL COUNTY, BY TIMOTHY J. DURBIN, FOR QUASI-MUNICIPAL PURPOSES. THAT THE PROPOSED POINT OF DIVERSION, THE APPROXIMATE LOCATION AND SIZE OF DIVERTING CHANNEL, ALL RESERVOIRS OR BASINS, THE LOCATION AND NAMES OF ALL OTHER WORKS WHICH WILL CROSS OR CONNECT WITH THE PROPOSED WORKS, AND THE BOUNDARY OF ALL LANDS, TO BE SERVED ARE FULLY AND CORRECTLY DESIGNATED THEREON.

Robert D. Millard
STATE WATER RIGHT SURVEYOR Nº 215.

SUBSCRIBED AND SWORN TO BEFORE ME
THIS 26th DAY OF November, 1985.

NOTARY PUBLIC IN AND FOR Lyon COUNTY, NEVADA.

ANALISA M. DAVIS
Notary Public - State of Nevada
Appointment Recorded in Lyon County
My Appointment Expires April 4, 1986

Analisa M. Davis

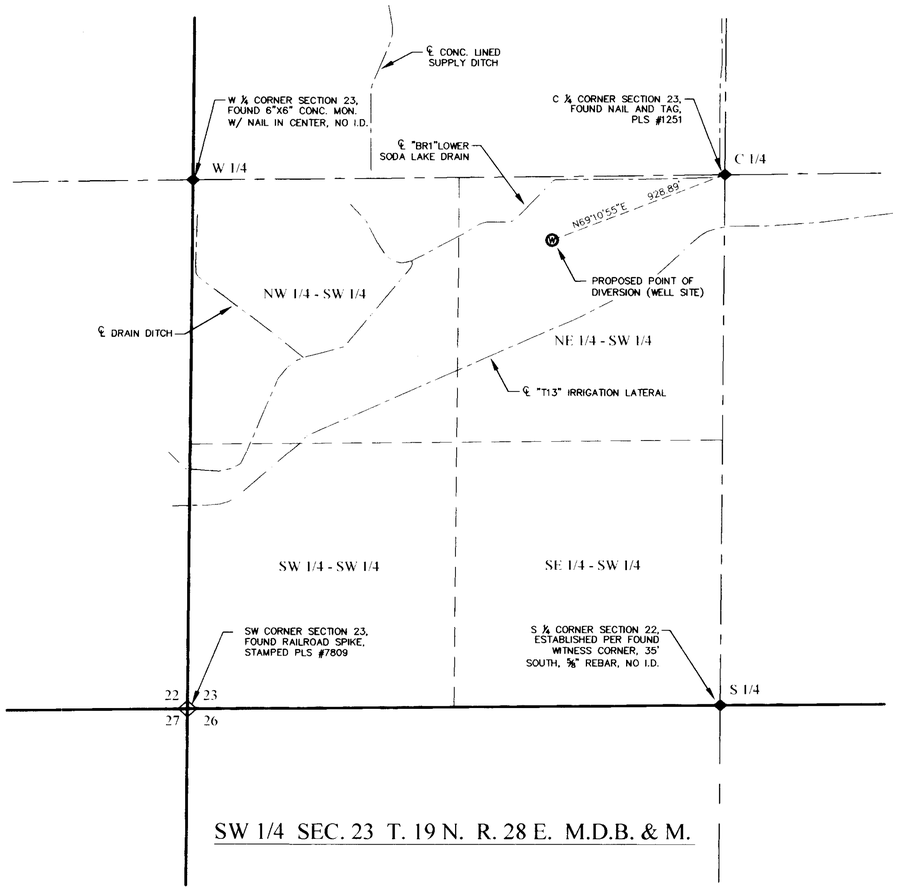
0 400 800 1200 1600
SCALE 1" = 400'

FILED
NOV 27 1985
STATE ENGINEER'S OFFICE

MAP
TO ACCOMPANY APPLICATION Nº 49200
TO APPROPRIATE WATER FOR QUASI-MUNICIPAL PURPOSES
BY: TIMOTHY J. DURBIN
FROM: AN UNDERGROUND SOURCE
IN: CHURCHILL COUNTY, NEVADA.

79615 49200

PREPARED BY:
LIAHONA ENGINEERING
P.O. BOX 1069, FERNLEY, NV.
1-702-575-2563



SW 1/4 SEC. 23 T. 19 N. R. 28 E. M.D.B. & M.

STATE OF NEVADA
COUNTY OF CHURCHILL } S.S.

I, ERIK K. LEE, BEING FIRST DULY SWORN, DEPOSE AND SAY THAT THIS MAP, CONSISTING OF ONE SHEET, HAS BEEN CORRECTLY DRAWN TO THE DESIGNATED SCALE FROM FIELD NOTES OF A SURVEY MADE BY ME ON THE *17th* DAY OF *DECEMBER* 2007. THAT IT TRULY AND CORRECTLY REPRESENTS THE PROPOSED LOCATION AND EXTENT OF THE WORKS USED TO DIVERT WATER FROM AN UNDERGROUND SOURCE IN CHURCHILL COUNTY BY DONALD D. CARBAUGH AND DIANN CARBAUGH, FOR MUNICIPAL PURPOSES. THAT THE PROPOSED POINT OF DIVERSION AND THE BOUNDARY OF ALL LANDS, SHOWING BY 40 ACRE SUBDIVISIONS, ARE FULLY AND CORRECTLY DESIGNATED THEREON.

Erik K. Lee — 12-19-07

STATE WATER RIGHT SURVEYOR — DATE
CERTIFICATE NO. 1169

PROFESSIONAL ENGINEER - STATE OF NEVADA
ERIK K. LEE
Exp: 12/31/07
CIVIL
No. 17078

SUBSCRIBED AND SWORN TO BEFORE ME

THIS 19th DAY OF December, 2007.

NOTARY PUBLIC

NOTARY PUBLIC IN AND FOR CHURCHILL COUNTY, NEVADA

MY COMMISSION EXPIRES April 9th, 2010

MELISSA K. MAIDENS
Notary Public State of Nevada
Appointment Recorded in Churchill County
No. 02-74751-4 Expires April 9, 2010

LEGEND

- PROPOSED WELL
- RANGE BOUNDARY
- SECTION BOUNDARY
- 1/4 SECTION BOUNDARY
- 1/16 SECTION BOUNDARY
- FOUND SECTION CORNER
- FOUND 1/4 CORNER

BASIS OF BEARING

NORTH AMERICAN DATUM OF 1983/94 (NAD83/94), NEVADA STATE PLANE WEST ZONE. AS DETERMINED WITH REAL TIME KINEMATIC (RTK) GPS OBSERVATIONS, OBSERVED ON DECEMBER 17, 2007, USING TRIMBLE 5800 RECEIVER WITH CORRECTIONS FROM THE NEVADA DEPARTMENT OF TRANSPORTATION "FLN1" CONTINUOUSLY OPERATING REFERENCE STATION (CORS), BEING APART OF THE NORTHERN NEVADA REGIONAL MAPPING NETWORK. MODIFIED BY A COMBINATION FACTOR OF 1.000269448 AND CONVERTED TO THE U.S. SURVEY FOOT. ALL DIMENSIONS ARE GROUND DISTANCES.

GRAPHIC SCALE
400 0 200 400 800
(IN FEET)
1 inch = 400 ft.

N

TRC

Planners - Engineers - Surveyors

RENO OFFICE:
4875 LONGLEY LANE, SUITE 100
RENO, NEVADA 89502
PHONE (775) 322-3064
FAX (775) 322-3795

FALLON OFFICE:
2260 RENO HIGHWAY, SUITE C
FALLON, NEVADA 89406
PHONE (775) 423-4053
FAX (775) 423-4345

STATE ENGINEER'S USE

76541

REC
12-28-07
Consists of 3 sheets
Sheet #1 Proposed POD by Erik Lee
- Sheet #2 Existing POD and POU by Chris Mahannah
Sheet #3 Proposed POU by Chris Mahannah

FILED
DEC 28 2007
STATE ENGINEER'S OFFICE

MAP TO ACCOMPANY APPLICATION TO CHANGE POINT OF DIVERSION, PLACE OF USE, AND MANNER OF USE, OF A PORTION OF PERMIT NO. 31187, CERTIFICATE NO. 10707, FOR MUNICIPAL PURPOSES

(S)

FOR: MUNICIPAL
BY: DONALD D. CARBAUGH AND DIANN CARBAUGH
FROM: AN UNDERGROUND SOURCE
IN: CHURCHILL COUNTY, NEVADA

76541



Site Search

Permit Information

New Search

App/Permit: 79615
Status: READY FOR ACTION
Certificate: None

General | Maps & Due Dates | Place of Use | Abrogations/Protests/Rulings | Ownership and Title

Current Ownership Information

(NOTE: Owner names shown here are standardized for retreival purposes only. Verify legal names before submitting any new documentation.)

Owner	Type	Div Rate	Duty	Acres	Change By	APN	County	Description
CHURCHILL COUNTY	B	0	0	0				

Confirmed By:
Effective Date:

Original Owners

Owner
CHURCHILL COUNTY

Remarks

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

Application 79616

BASIN: Dixie Valley (128) **COUNTY:** Churchill

LATITUDE: 39.546653 **LONGITUDE:** -118.14836

OWNERSHIP:	Churchill County
PRIORITY DATE:	2/19/2010
SOURCE DESCRIPTION:	UG
POINT OF DIVERSION:	NW¼NW¼ Section 3, T.19N., R.34E., M.D.M.
MANNER OF USE:	MUN
PLACE OF USE:	See attached table
DIVERSION RATE:	6.0 cfs
ALLOWED DUTY:	0.0 afa
PERIOD OF USE:	01/01-12/31
STATUS:	RFA
RFA DATE:	04/27/2010
REMARKS:	

POD PARCEL:	Churchill County APN 003-251-02
POD PARCEL OWNER:	Bureau of Land Management
POU PARCEL:	Churchill County APN Multiple
POU PARCEL OWNER:	Multiple

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

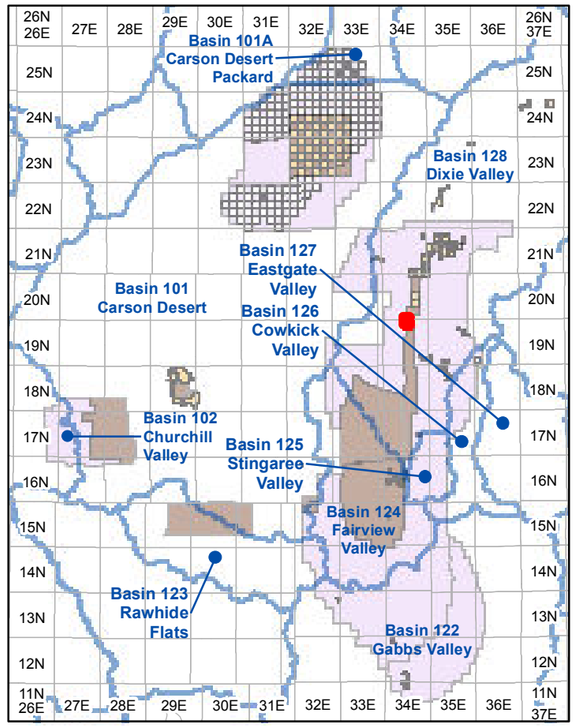
Application 79616

The current owner of Application 79616 is Churchill County. The application was submitted to the NDWR on February 19, 2010. The application requests an allowed diversion rate of 6.0 CFS be permitted for municipal purposes from January 1 through December 31.

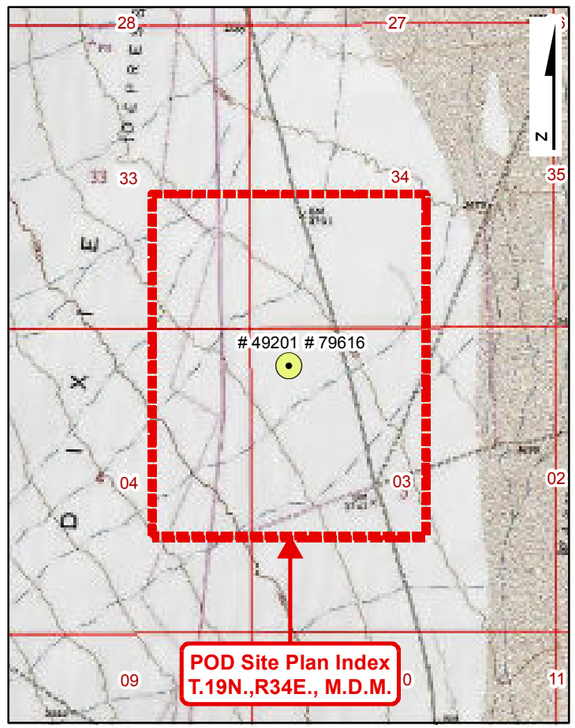
The proposed point of diversion is located within the NW¼NW¼ Section 3, Township 19N, Range 34E, MDM. The proposed place of use is within Churchill County and is the same as listed for Application 79615.

Section(s)	Township	Range
1-4, E½5, E½8, 9-16, E½17, E½20, 21-28, E½29, 30, 31, E½32, 33-36	20N	26E
All Sections	20N	27E
All Sections	20N	28E
All Sections	20N	29E
All Sections	20N	30E
All Sections	20N	31E
W½4, 5-8, W½9, W½ & S½16, 17-21, 29-30	20N	32E
1-4, E½5, E½8, 9-36,	19N	26E
All Sections	19N	27E
All Sections	19N	28E
All Sections	19N	29E
All Sections	19N	30E
2-11, 14-22, 27-33	19N	31E
1-30, 32-36	18N	26E
All Sections	18N	27E
All Sections	18N	28E
All Sections	18N	29E
All Sections	18N	30E
W½4, 5-8, W½9, W½16, 17-20, W½21, W½28, 29-32, W½33	18N	31E
1-3, 10-15, 21-28, 33-36	17N	28E
All Sections	17N	29E
All Sections	17N	30E

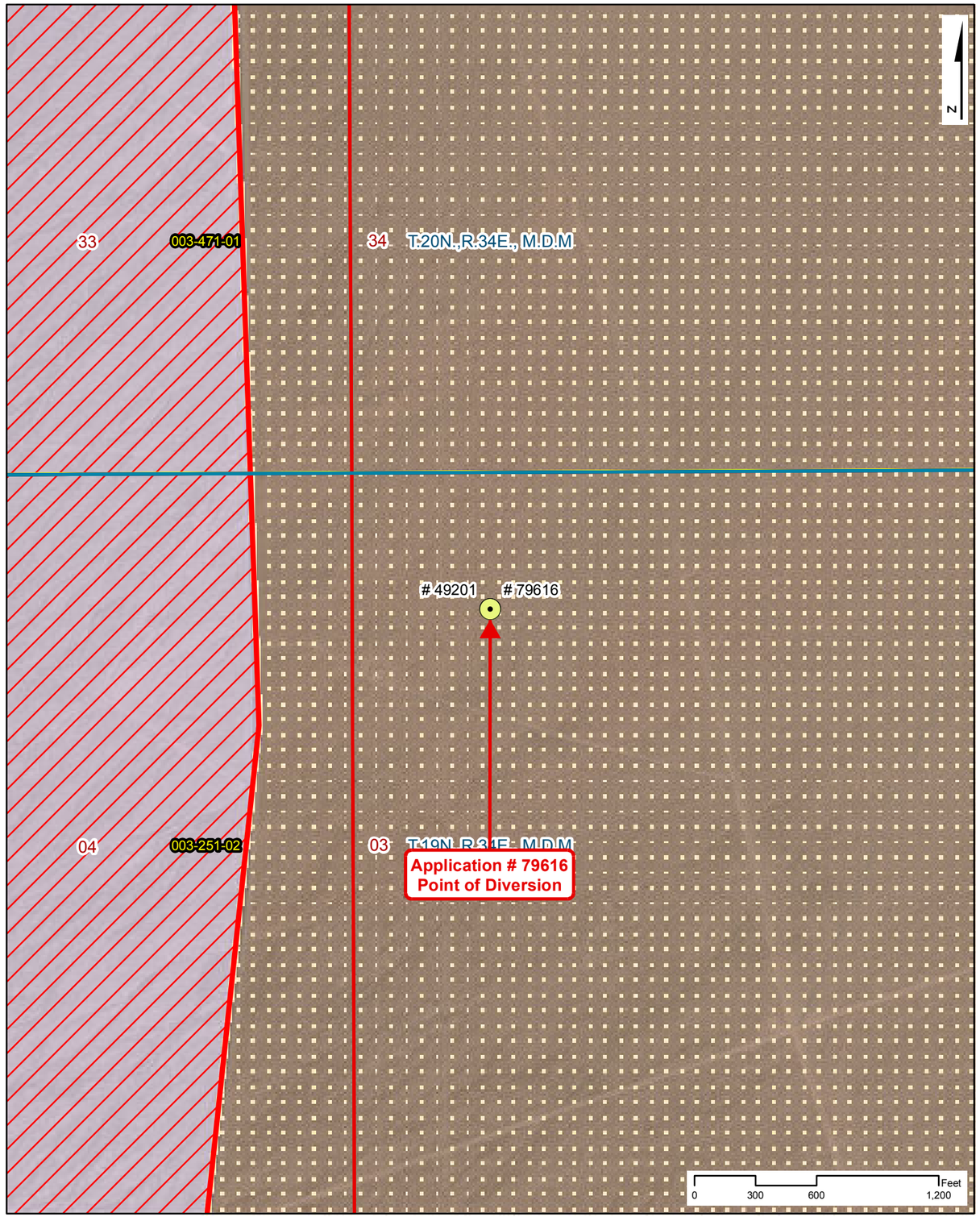
Application 79616 has gone through the noticing period and has been in RFA status with the NDWR since April 27, 2010.



Township and Range Index
Scale: 1" = 20 Miles



USGS Quadmap Site Plan Index
Scale: 1" = 1/2 Mile



Point of Diversion Site Plan
Scale: 1" = 600'

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH INVENTORY SERVICES

Application: 79616

BASIN: Dixie Valley (128) — **COUNTY: Churchill**
LATITUDE: 39.546653 — **LONGITUDE: -118.14836**
POINT OF DIVERSION: NW1/4,NW1/4, Section 3, T.19N.,R34E., M.D.M.
PLACE OF USE (DWR Polygon ID): 6723
PERMIT LAND CATEGORY: Existing Lands Privately Held

OWNERSHIP
Churchill County

FILING DATE: 2/19/2010
RFA DATE: 4/27/2010
STATUS: Ready for Action

USE UNITS

SOURCE DESCRIPTION: Underground
MANNER OF USE: Municipal
DIVERSION RATE: 6 CFS
ALLOWED DUTY: 0.000 AFA
PERIOD OF USE: 01/01-12/31

GIS PARCEL DATA
A.P.N. 003-251-02, CHURCHILL COUNTY
BUREAU OF LAND MANAGEMENT

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
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R|O Anderson

Application: 79616

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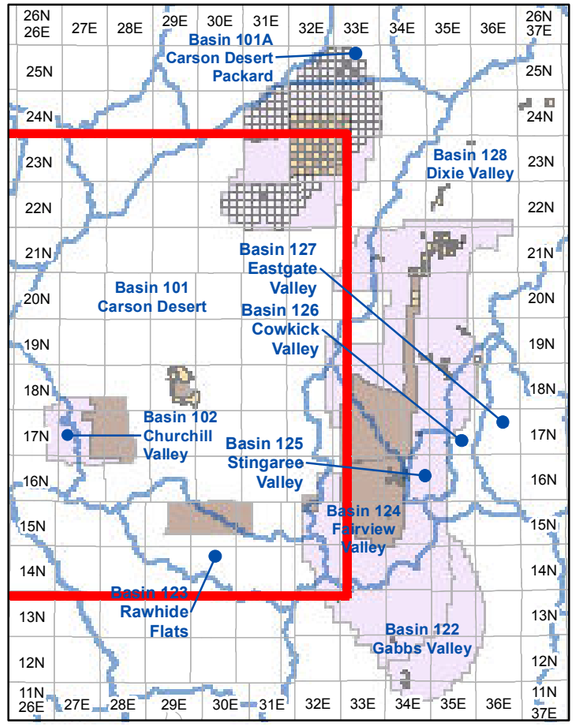
WATER RIGHT: 79616 **DWR POLYGON ID: 6723**



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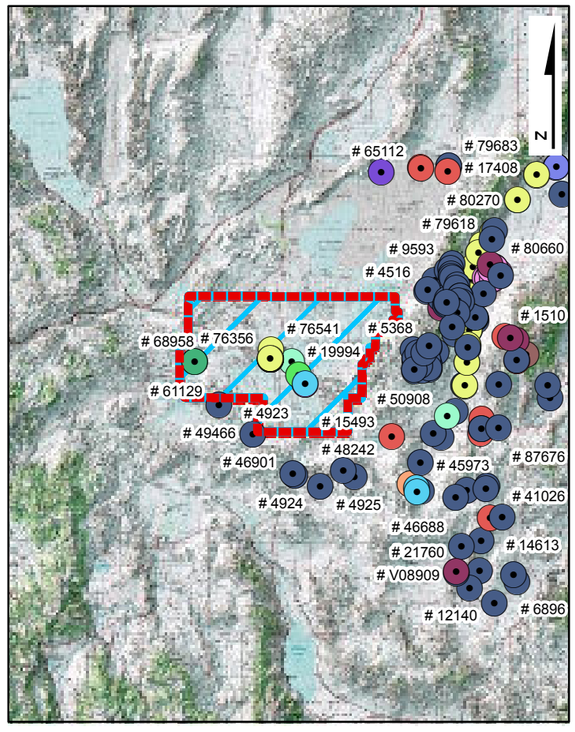
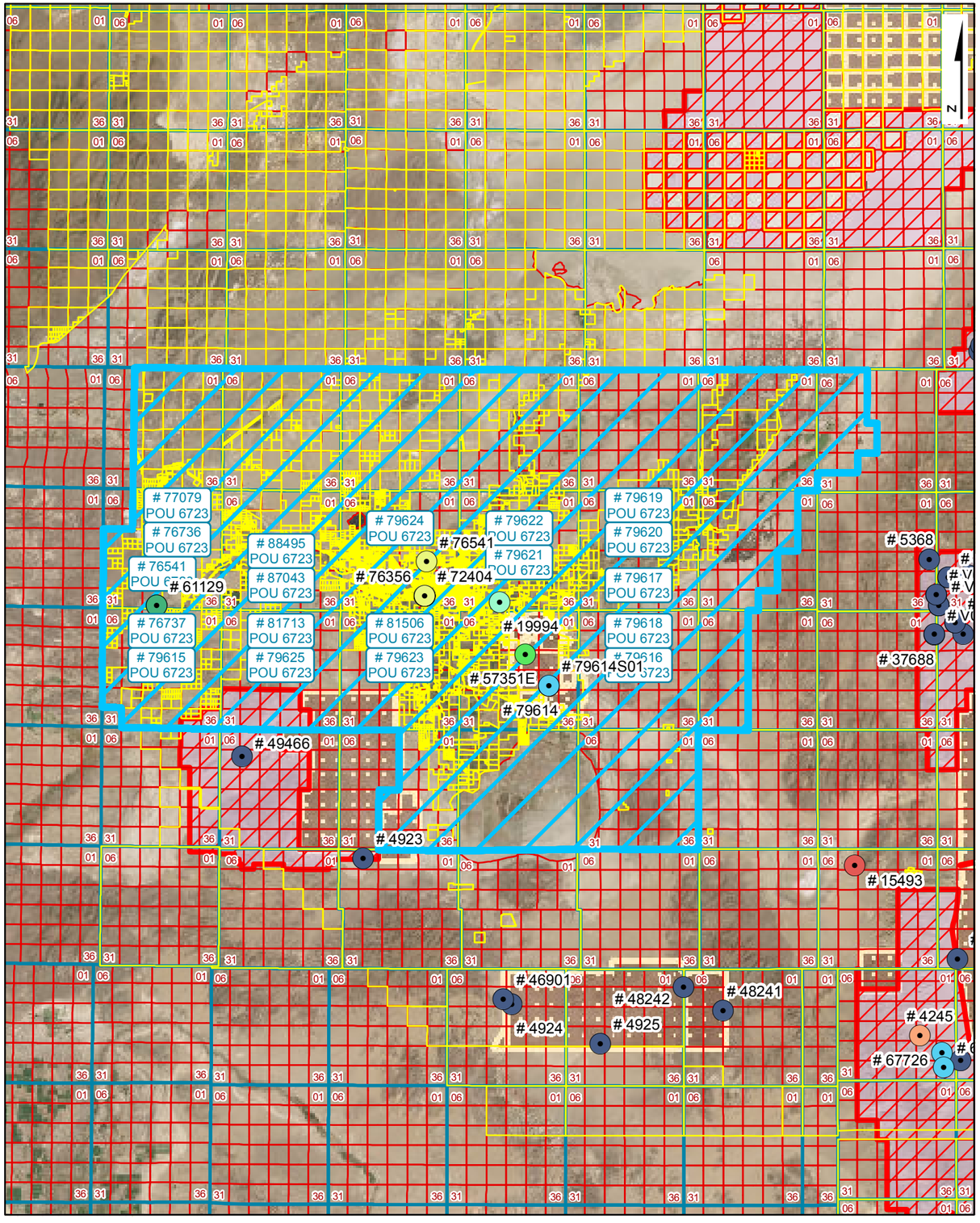


USGS Quadmap Site Plan Index



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R|O Anderson

WATER RIGHT: 79616
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Application No. 79616

APPLICATION FOR PERMIT TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

THIS SPACE FOR OFFICE USE ONLY

Date of Filing in State Engineer's Office FEB 19 2010

Returned to applicant for correction _____

Corrected Application filed _____ Map filed NOV 27 1985 under 49201

The applicant Churchill County, a political subdivision of the State of Nevada

155 N. Taylor Street, Suite 153 (Street Address or P.O. Box) of Fallon (City or Town)

Nevada 89406 (State and ZIP Code) hereby make(s) application for permission to appropriate the public waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.)

---

1. The source of water is Underground
   Name of the stream, lake, underground, spring or other sources.
2. The amount of water applied for is 6.0 cfs
   One second foot equals 448.83 gallons per minute.
   (a) If stored in a reservoir give the number of acre-feet _____
3. The water is to be used for Municipal
   Irrigation, power, mining, commercial, domestic or other use. Must be limited to one major use.
4. If use is for:
   (a) Irrigation, state number of acres to be irrigated _____
   (b) Stockwater, state number and kind of animals _____
   (c) Other use (describe fully in No. 12) _____
   (d) Power:
      (1) Horsepower developed _____
      (2) Point of return of water to stream _____

Revised 07/09

128-CH

5. The water is to be diverted from its source at the following point: (Describe as being within a 40-acre subdivision of public survey, and by course and distance to a found section corner. If on unsurveyed land, it should be so stated.)

NW¼ NW¼ Section 3, T.19N., R.34E., M.D.B.&M. or at a point from which the NW corner of said Section 3 bears N44°59'00"W a distance of 935.36 feet. Refer to map filed under Application 49201.

6. Place of use: (Describe by legal subdivision. If on unsurveyed land, it should be so stated)

See Exhibit "A". Refer to map filed under Permit 76541, sheet 3 of 3.

7. Use will begin about January 1 (Month and Day) and end about December 31 (Month and Day) of each year.

8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) (State manner in which water is to be diverted, i.e. diversion structure, ditches and flumes, drilled well with a pump and motor, etc.)

Well equipped with pump and motor, pump stations, storage tanks, water treatment facilities and distribution system.

9. Estimated cost of works: $300 Million

10. Estimated time required to construct works: 20 years
(If the well is complete, describe works.)

11. Estimated time required to complete the application of water to beneficial use: 30 years

12. Provide a detailed description of the proposed project and its water usage (use attachments if necessary): (Failure to provide a detailed description may cause a delay in processing.)

See Exhibit "B"

13. Miscellaneous remarks:

See Exhibit "B"

Chris C. Mahannah, P.E., SWRS#976 - Agent
Type or print name clearly

Signature, applicant or agent

chris@gbis.com
E-mail Address

(775) 323-1804
Phone No.

Mahannah & Associates, LLC
Company Name

P.O. Box 2494
Street Address or PO Box

Reno, NV 89505
City, State, ZIP Code

APPLICATION MUST BE SIGNED
BY THE APPLICANT OR AGENT

2010 FEB 19 AM 9:50

Revised 07/09 $300 FILING FEE AND SUPPORTING MAP MUST ACCOMPANY APPLICATION

79616

Exhibit "A" - Proposed Place of Use

TWN	RNG	Sections
20N	26E	1-4, E½ 5, E½ 8, 9-16, E½ 17, E½ 20, 21-28, E½ 29, E½ 32, 33-36
20N	27E	1-36
20N	28E	1-36
20N	29E	1-36
20N	30E	1-36
20N	31E	1-36
20N	32E	W½ 4, 5-8, W½ 9, W½ & S½ 16, 17-21, 29, 30
19N	26E	1-4, E½ 5, E½ 8, 9-36
19N	27E	1-36
19N	28E	1-36
19N	29E	1-36
19N	30E	1-36
19N	31E	2-11, 14-22, 27-33
18N	26E	1-30, 32-36
18N	27E	1-36
18N	28E	1-36
18N	29E	1-36
18N	30E	1-36
18N	31E	W½ 4, 5-8, W½ 9, W½ 16, 17-20, W½ 21, W½ 28, 29-32, W½ 33
17N	28E	1-3, 10-15, 21-28, 33-36
17N	29E	1-36
17N	30E	1-36

Exhibit "B"

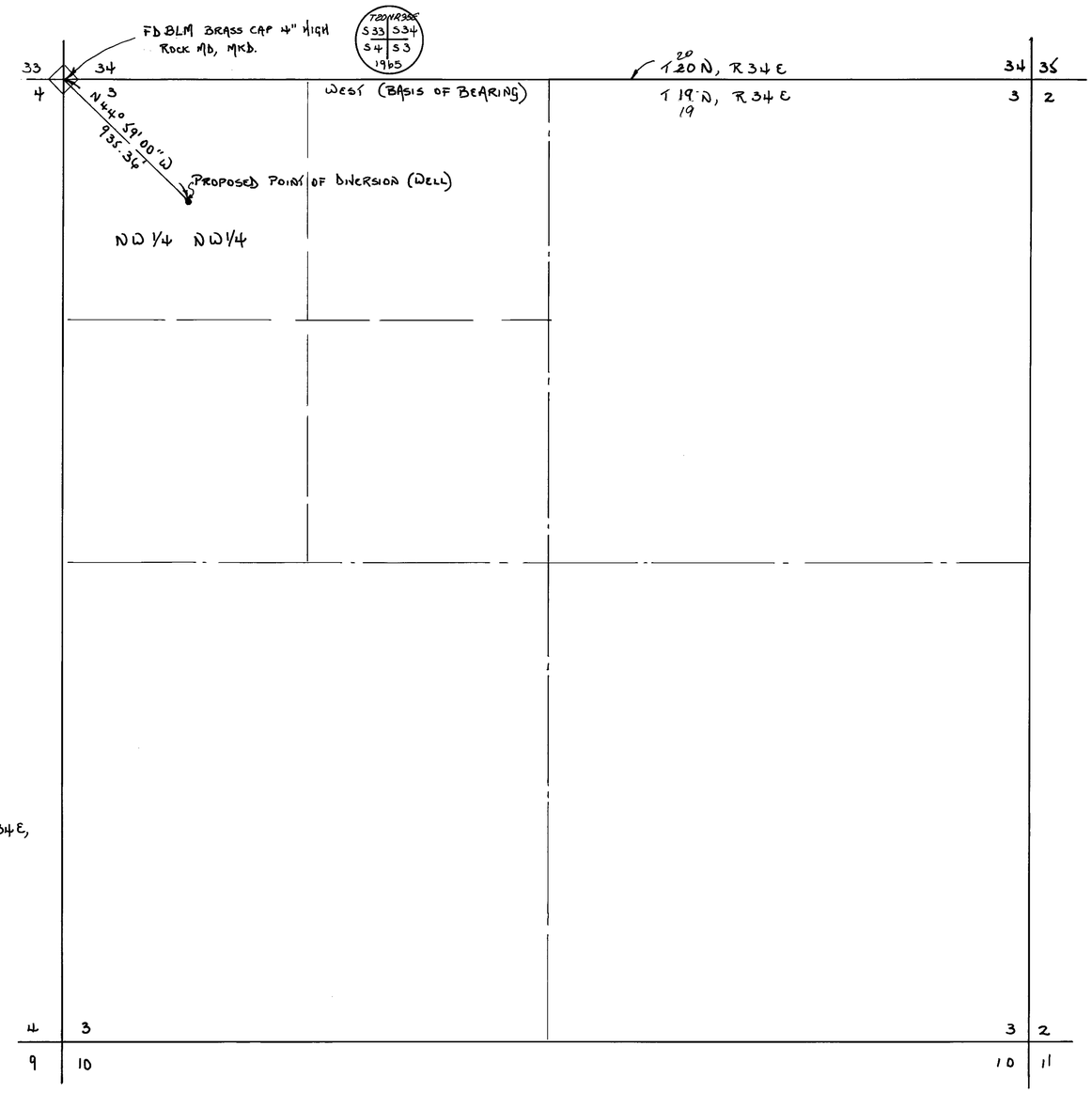
Question 12:

The Dixie Valley underground water resource has been identified as a long-term municipal supply for Churchill County in their 2025/2050 Water Resource Plan dated 8 October 2003 and the Water Resource Plan Update dated April 2007. Both of these plans have provided feasibility level design and cost estimates for development of the resource.

Question 13:

Churchill County currently has pending applications 49200 – 49205 and 49794 – 49800 in Dixie Valley seeking any unappropriated perennial yield. These applications were not protested and action by the State Engineer was postponed pending water supply studies. These duplicate applications are being filed as a precautionary measure as a result of the recent Nevada Supreme Court decision (126 Nev., Advance Opinion 2) filed 28 January 2010. Applicant files these applications without waiving or in any way prejudicing any priority, rights, privileges or entitlements associated with applicant's previously filed pending applications.

Churchill County and their consultants are currently study team members in a 5-year (FY09-13) comprehensive water resource study of Dixie Valley and Tributary Basins being headed by the Bureau of Reclamation (BOR). Funding and authorization was granted under PL 110-161. Study team members include the BOR, USGS, State Engineer and private consultants. Applicant requests action is postponed on these applications and prior applications 49200 – 49205 and 49794 - 49800, pending the outcome of the ongoing water resource study.



BASIS OF BEARING
GLO PLAT MAP (1969)
NORTH LINE SEC 3. T 19 N, R 34 E,
MDB&M SHOWN AS WEST.

STATE OF NEVADA
COUNTY OF LYON. ss.

I, ROBERT W. MILLARD, BEING FIRST DULY SWORN, DEPOSE AND SAY THAT THIS MAP, CONSISTING OF 1 SHEET HAS BEEN CORRECTLY DRAWN TO THE DESIGNATED SCALE FROM FIELD NOTES OF A SURVEY MADE UNDER MY SUPERVISION AND DIRECTION BETWEEN THE 15TH DAY OF NOVEMBER, AND THE 23RD DAY OF NOVEMBER 1985; THAT IT TRULY AND CORRECTLY REPRESENTS THE PROPOSED LOCATION AND EXTENT OF THE WORKS USED TO DIVERT WATER FROM AN UNDERGROUND SOURCE IN CHURCHILL COUNTY, BY TIMOTHY J. DURBIN, FOR QUASI-MUNICIPAL PURPOSES. THAT THE PROPOSED POINT OF DIVERSION, THE APPROXIMATE LOCATION AND SIZE OF DIVERTING CHANNEL, ALL RESERVOIRS OR BASINS, THE LOCATION AND NAMES OF ALL OTHER WORKS WHICH WILL CROSS OR CONNECT WITH THE PROPOSED WORKS, AND THE BOUNDARY OF ALL LANDS, TO BE SERVED ARE FULLY AND CORRECTLY DESIGNATED THEREON.

Robert W. Millard
(STATE WATER RIGHT SURVEYOR № 215

SUBSCRIBED AND SWORN TO BEFORE ME
THIS 26th DAY OF November, 1985.

NOTARY PUBLIC IN AND FOR Lyon COUNTY, NEVADA.

ANALISA U. DAVIS
Notary Public - State of Nevada
Appointment Recorded in Lyon County
MY APPOINTMENT EXPIRES AUG. 4, 1986

Analisa U. Davis

85 NOV 27 P 1:30

0 100 400 800 1200 1600
SCALE 1" = 400'

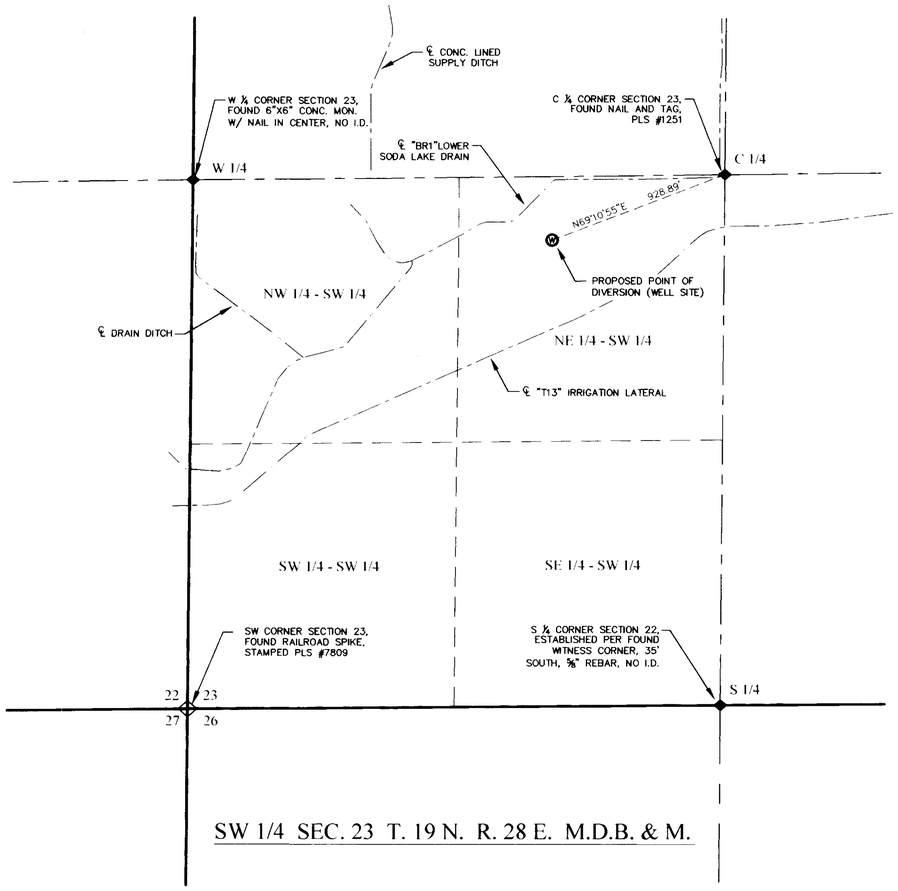
FILED
NOV 27 1985
STATE ENGINEER'S OFFICE

Note: For Place of Use - See Sheet 2 of Map for Application № 49200

PREPARED BY:
LIAHONA ENGINEERING
P.O. Box 1059
FERNLEY, NV
1-702-575-2563

MAP
TO ACCOMPANY APPLICATION № 49201
TO APPROPRIATE WATER FOR QUASI-MUNICIPAL PURPOSES
BY: TIMOTHY J. DURBIN
FROM: AN UNDERGROUND SOURCE
IN: CHURCHILL COUNTY, NEVADA.

79616 **49201**



SW 1/4 SEC. 23 T. 19 N. R. 28 E. M.D.B. & M.

STATE OF NEVADA
COUNTY OF CHURCHILL } S.S.

I, ERIK K. LEE, BEING FIRST DULY SWORN, DEPOSE AND SAY THAT THIS MAP, CONSISTING OF ONE SHEET, HAS BEEN CORRECTLY DRAWN TO THE DESIGNATED SCALE FROM FIELD NOTES OF A SURVEY MADE BY ME ON THE *17th* DAY OF *DECEMBER* 2007. THAT IT TRULY AND CORRECTLY REPRESENTS THE PROPOSED LOCATION AND EXTENT OF THE WORKS USED TO DIVERT WATER FROM AN UNDERGROUND SOURCE IN CHURCHILL COUNTY BY DONALD D. CARBAUGH AND DIANN CARBAUGH, FOR MUNICIPAL PURPOSES. THAT THE PROPOSED POINT OF DIVERSION AND THE BOUNDARY OF ALL LANDS, SHOWING BY 40 ACRE SUBDIVISIONS, ARE FULLY AND CORRECTLY DESIGNATED THEREON.

Erik K. Lee — 12-19-07

STATE WATER RIGHT SURVEYOR — DATE
CERTIFICATE NO. 1169

PROFESSIONAL ENGINEER - STATE OF NEVADA
ERIK K. LEE
Exp: 12/31/07
CIVIL
No. 17078

SUBSCRIBED AND SWORN TO BEFORE ME

THIS 19th DAY OF December, 2007.

NOTARY PUBLIC

NOTARY PUBLIC IN AND FOR CHURCHILL COUNTY, NEVADA

MY COMMISSION EXPIRES April 9th, 2010

MELISSA K. MAIDENS
Notary Public State of Nevada
Appointment Recorded in Churchill County
No. 02-74751-4 Expires April 9, 2010

LEGEND

- PROPOSED WELL
- RANGE BOUNDARY
- SECTION BOUNDARY
- 1/4 SECTION BOUNDARY
- 1/16 SECTION BOUNDARY
- FOUND SECTION CORNER
- FOUND 1/4 CORNER

BASIS OF BEARING

NORTH AMERICAN DATUM OF 1983/94 (NAD83/94), NEVADA STATE PLANE WEST ZONE. AS DETERMINED WITH REAL TIME KINEMATIC (RTK) GPS OBSERVATIONS, OBSERVED ON DECEMBER 17, 2007, USING TRIMBLE 5800 RECEIVER WITH CORRECTIONS FROM THE NEVADA DEPARTMENT OF TRANSPORTATION "FLN1" CONTINUOUSLY OPERATING REFERENCE STATION (CORS), BEING APART OF THE NORTHERN NEVADA REGIONAL MAPPING NETWORK. MODIFIED BY A COMBINATION FACTOR OF 1.000269448 AND CONVERTED TO THE U.S. SURVEY FOOT. ALL DIMENSIONS ARE GROUND DISTANCES.

GRAPHIC SCALE
400 0 200 400 800
(IN FEET)
1 inch = 400 ft.

N

TRC

Planners - Engineers - Surveyors

RENO OFFICE:
4875 LONGLEY LANE, SUITE 100
RENO, NEVADA 89502
PHONE (775) 322-3064
FAX (775) 322-3795

FALLON OFFICE:
2260 RENO HIGHWAY, SUITE C
FALLON, NEVADA 89406
PHONE (775) 423-4053
FAX (775) 423-4345

STATE ENGINEER'S USE

76541

REC
12-28-07
Consists of 3 sheets
Sheet #1 Proposed POD by Erik Lee
- Sheet #2 Existing POD and POU by Chris Mahannah
Sheet #3 Proposed POU by Chris Mahannah

FILED
DEC 28 2007
STATE ENGINEER'S OFFICE

MAP TO ACCOMPANY APPLICATION TO CHANGE POINT OF DIVERSION, PLACE OF USE, AND MANNER OF USE, OF A PORTION OF PERMIT NO. 31187, CERTIFICATE NO. 10707, FOR MUNICIPAL PURPOSES

(S)

FOR: MUNICIPAL
BY: DONALD D. CARBAUGH AND DIANN CARBAUGH
FROM: AN UNDERGROUND SOURCE
IN: CHURCHILL COUNTY, NEVADA

76541

State of Nevada
Division of Water Resources

Site Search

Permit Information

New Search

App/Permit: 79616
Status: READY FOR ACTION
Certificate: None

General | Maps & Due Dates | Place of Use | Abrogations/Protests/Rulings | Ownership and Title

Current Ownership Information

(NOTE: Owner names shown here are standardized for retreival purposes only. Verify legal names before submitting any new documentation.)

Owner	Type	Div Rate	Duty	Acres	Change By	APN	County	Description
CHURCHILL COUNTY	B	0	0	0				

Confirmed By:
Effective Date:

Original Owners

Owner
CHURCHILL COUNTY

Remarks

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

Application 79622

BASIN: Dixie Valley (128) **COUNTY:** Churchill

LATITUDE: 39.506692 **LONGITUDE:** -118.152986

OWNERSHIP:	Churchill County
PRIORITY DATE:	2/19/2010
SOURCE DESCRIPTION:	UG
POINT OF DIVERSION:	SE¼SE¼ Section 16, T.19N., R.34E., M.D.M.
MANNER OF USE:	MUN
PLACE OF USE:	See attached table
DIVERSION RATE:	6.0 cfs
ALLOWED DUTY:	0.0 afa
PERIOD OF USE:	01/01-12/31
STATUS:	RFA
RFA DATE:	5/28/2010
REMARKS:	

POD PARCEL:	Churchill County APN 003-251-02
POD PARCEL OWNER:	Bureau of Land Management
POU PARCEL:	Churchill County APN Multiple
POU PARCEL OWNER:	Multiple

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

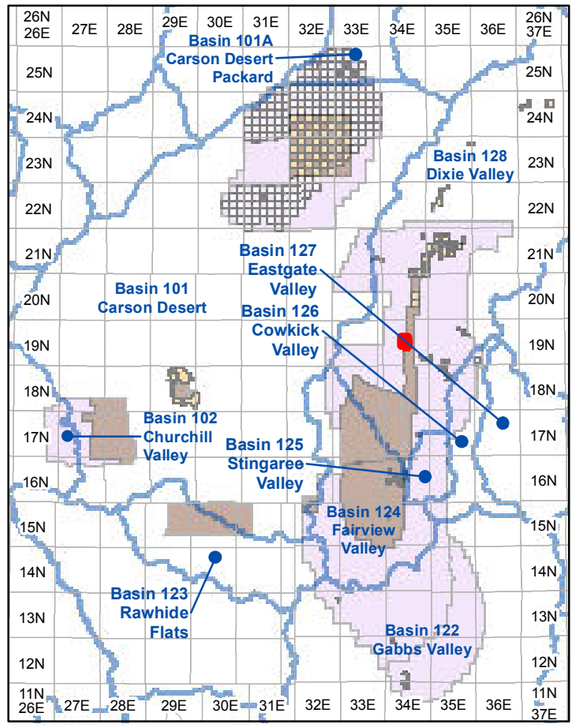
Application 79622

The current owner of Application 79622 is Churchill County. The application was submitted to the NDWR on February 19, 2010. The application requests an allowed diversion rate of 6.0 CFS be permitted for municipal purposes from January 1 through December 31.

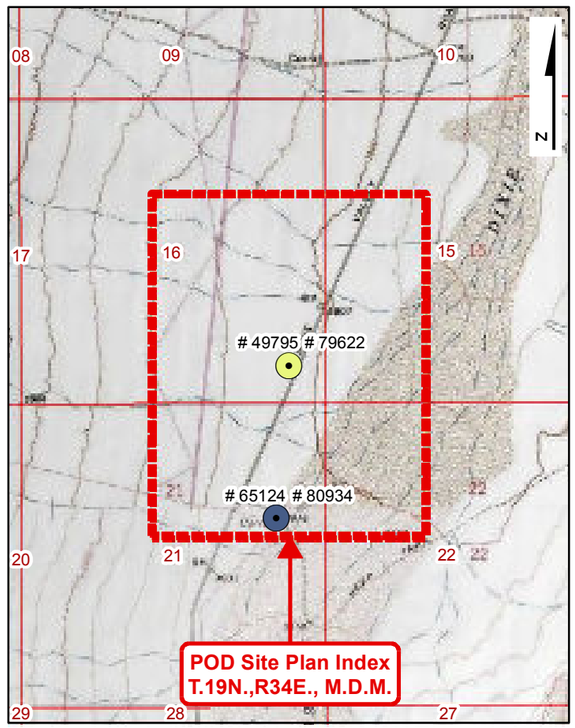
The proposed point of diversion is located within the SE¼SE¼ Section 16, Township 19N, Range 34E, MDM. The proposed place of us is within Churchill County and is more specifically shown below.

Section(s)	Township	Range
1-4, E½5, E½8, 9-16, E½17, E½20, 21-28, E½29, 30, 31, E½32, 33-36	20N	26E
All Sections	20N	27E
All Sections	20N	28E
All Sections	20N	29E
All Sections	20N	30E
All Sections	20N	31E
W½4, 5-8, W½9, W½ & S½16, 17-21, 29-30	20N	32E
1-4, E½5, E½8, 9-36,	19N	26E
All Sections	19N	27E
All Sections	19N	28E
All Sections	19N	29E
All Sections	19N	30E
2-11, 14-22, 27-33	19N	31E
1-30, 32-36	18N	26E
All Sections	18N	27E
All Sections	18N	28E
All Sections	18N	29E
All Sections	18N	30E
W½4, 5-8, W½9, W½16, 17-20, W½21, W½28, 29-32, W½33	18N	31E
1-3, 10-15, 21-28, 33-36	17N	28E
All Sections	17N	29E
All Sections	17N	30E

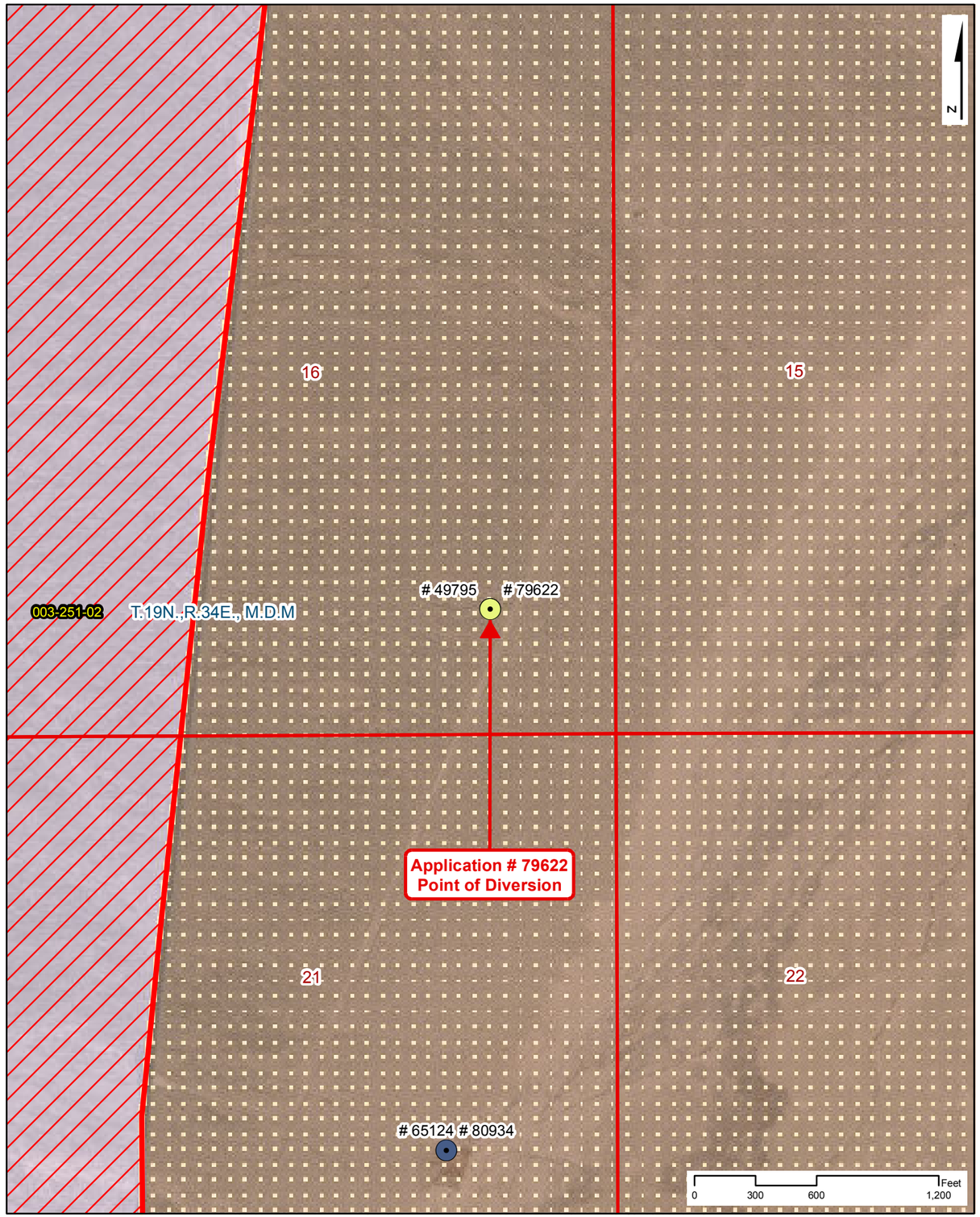
Application 79622 has gone through the noticing period and has been in RFA status with the NDWR since April 27, 2010.



Township and Range Index
Scale: 1" = 20 Miles



USGS Quadmap Site Plan Index
Scale: 1" = 1/2 Mile



Point of Diversion Site Plan
Scale: 1" = 600'

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631

WATER RIGHTS RESEARCH INVENTORY SERVICES

Application: 79622

BASIN: Dixie Valley (128) — **COUNTY: Churchill**
LATITUDE: 39.506692 — **LONGITUDE: -118.152986**
POINT OF DIVERSION: SE1/4,SE1/4, Section 16, T.19N.,R34E., M.D.M.
PLACE OF USE (DWR Polygon ID): 6723
PERMIT LAND CATEGORY: Existing Lands Privately Held

OWNERSHIP

Churchill County

FILING DATE: 2/19/2010
RFA DATE: 5/28/2010
STATUS: Ready for Action

USE UNITS

SOURCE DESCRIPTION: Underground
MANNER OF USE: Municipal
DIVERSION RATE: 6 CFS
ALLOWED DUTY: 0.000 AFA
PERIOD OF USE: 01/01-12/31

GIS PARCEL DATA

A.P.N. 003-251-02, CHURCHILL COUNTY
BUREAU OF LAND MANAGEMENT

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index

- Township Range Grid
- Hydrographic Basins

Existing Navy Lands
- Withdrawan
- Non Federal
- Navy Owned

Proposed Navy Lands
- Proposed Withdrawal Expansion
- Non Federal

Point of Diversion Manner of Use

- As Decreed
- Commercial
- Domestic
- Environmental
- Industrial
- Irrigation
- Mining & Milling
- Municipal
- Other
- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

R O Anderson

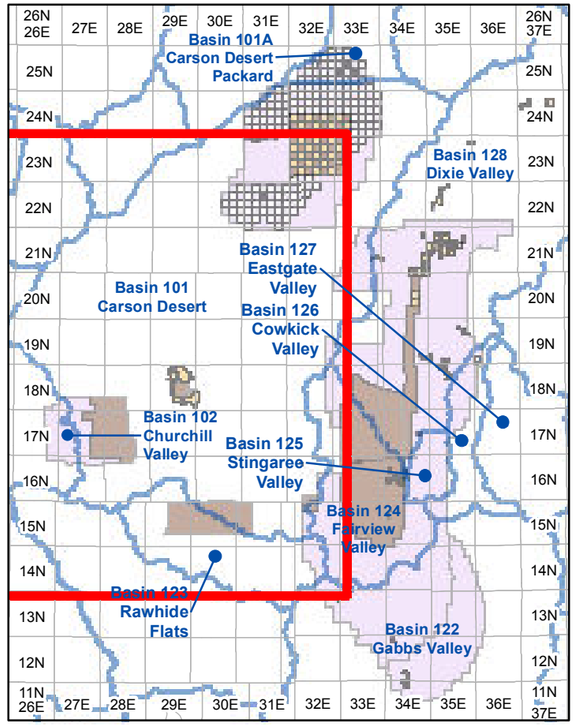
Application: 79622

Product of R.O. Anderson Engineering, Inc. -= Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_Application_Maps.mxd -= GIS Specilist: Eric Herron -= Publication Date: 10/5/2019 10:49:01 AM

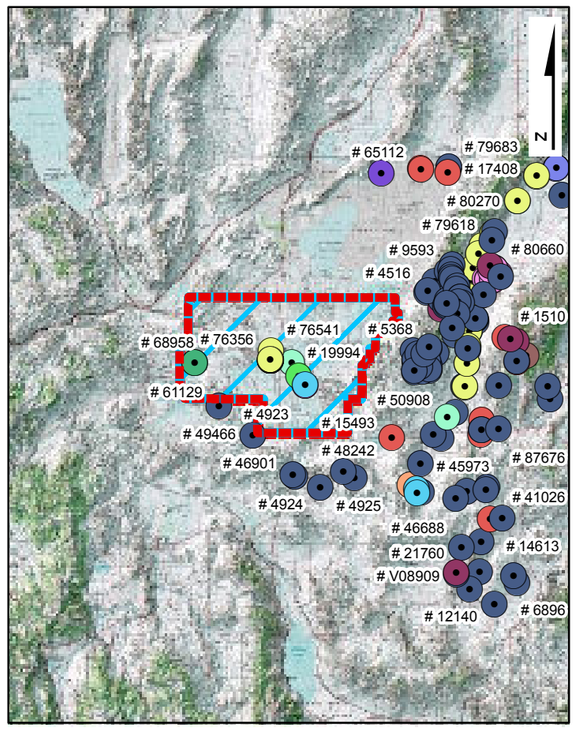
NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH INVENTORY SERVICES

DIVISION OF WATER RESOURCES PLACE OF USE GIS DATA

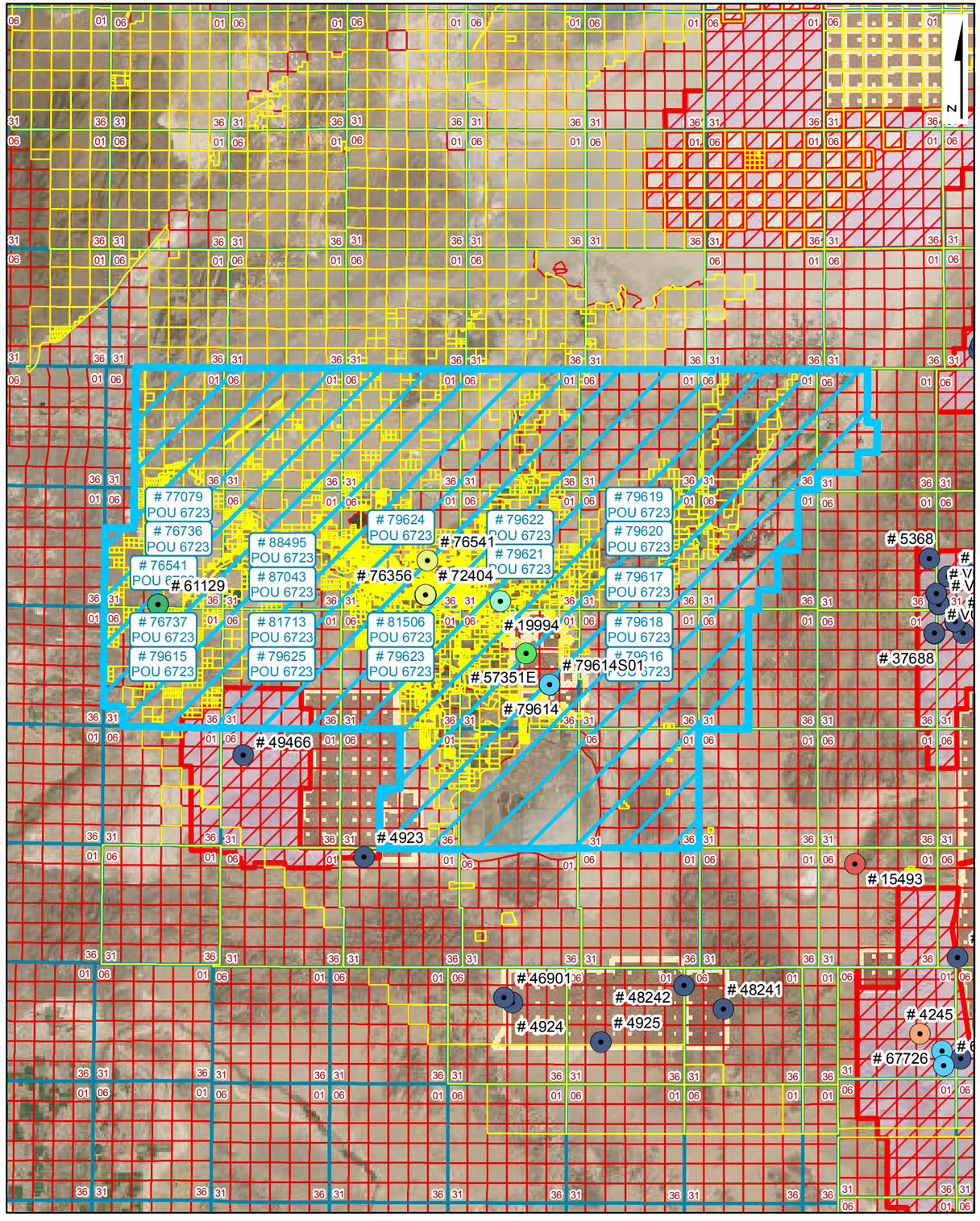
WATER RIGHT: 79622 **DWR POLYGON ID: 6723**



Township and Range Index



USGS Quadmap Site Plan Index



Place of Use Site Plan

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index

- Township Range Grid
- Hydrographic Basins

Existing Navy Lands

- Withdrawan
- Non Federal
- Navy Owned

Proposed Navy Lands

- Proposed Withdrawal Expansion
- Non Federal

Point of Diversion Manner of Use

- As Decreed
- Commercial
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- Environmental
- Industrial
- Irrigation
- Mining & Milling
- Municipal
- Other
- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

R|O Anderson

WATER RIGHT: 79622
DWR POLYGON ID: 6723

Product of R.O. Anderson Engineering, Inc. -=- Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_POU_Maps.mxd -=- GIS Specilist: Eric Herron -=- Publication Date: 10/5/2019 12:04:39 PM

Application No. 79622

APPLICATION FOR PERMIT TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

THIS SPACE FOR OFFICE USE ONLY

Date of Filing in State Engineer's Office FEB 19 2010

Returned to applicant for correction _____

Corrected Application filed _____ Map filed JUN 13 1986 under 49795

The applicant Churchill County, a political subdivision of the State of Nevada

155 N. Taylor Street, Suite 153 (Street Address or P.O. Box) of Fallon (City or Town)

Nevada 89406 (State and ZIP Code) hereby make(s) application for permission to appropriate the public waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.)

1. The source of water is Underground
   Name of the stream, lake, underground, spring or other sources.
2. The amount of water applied for is 6.0 cfs
   One second foot equals 448.83 gallons per minute.
   (a) If stored in a reservoir give the number of acre-feet _____
3. The water is to be used for Municipal
   Irrigation, power, mining, commercial, domestic or other use. Must be limited to one major use.
4. If use is for:
   (a) Irrigation, state number of acres to be irrigated _____
   (b) Stockwater, state number and kind of animals _____
   (c) Other use (describe fully in No. 12) _____
   (d) Power:
      (1) Horsepower developed _____
      (2) Point of return of water to stream _____

Revised 07/09

128-CH

5. The water is to be diverted from its source at the following point: (Describe as being within a 40-acre subdivision of public survey, and by course and distance to a found section corner. If on unsurveyed land, it should be so stated.)

SE¼ SE¼ Section 16, T.19N., R.34E., M.D.B.&M. or at a point from which the SE corner of said Section 16 bears S45°57'20"E a distance of 832.08 feet. Refer to map filed under Application 49795.

6. Place of use: (Describe by legal subdivision. If on unsurveyed land, it should be so stated)

See Exhibit "A". Refer to map filed under Permit 76541, sheet 3 of 3.

7. Use will begin about January 1 (Month and Day) and end about December 31 (Month and Day) of each year.

8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) (State manner in which water is to be diverted, i.e. diversion structure, ditches and flumes, drilled well with a pump and motor, etc.)

Well equipped with pump and motor, pump stations, storage tanks, water treatment facilities and distribution system.

9. Estimated cost of works: $300 Million

10. Estimated time required to construct works: 20 years
(If the well is complete, describe works.)

11. Estimated time required to complete the application of water to beneficial use: 30 years

12. Provide a detailed description of the proposed project and its water usage (use attachments if necessary): (Failure to provide a detailed description may cause a delay in processing.)

See Exhibit "B"

13. Miscellaneous remarks:

See Exhibit "B"

chris@gbis.com
E-mail Address

(775) 323-1804
Phone No.

APPLICATION MUST BE SIGNED
BY THE APPLICANT OR AGENT

Chris C. Mahannah, P.E., SWRS#976, Agent
Type or print name clearly

Signature, applicant or agent

Mahannah & Associates, LLC
Company Name

P.O. Box 2494
Street Address or PO Box

Reno, NV 89505
City, State, ZIP Code

Revised 07/09 $300 FILING FEE AND SUPPORTING MAP MUST ACCOMPANY APPLICATION

Exhibit "A" - Proposed Place of Use

TWN	RNG	Sections
20N	26E	1-4, E½ 5, E½ 8, 9-16, E½ 17, E½ 20, 21-28, E½ 29, E½ 32, 33-36
20N	27E	1-36
20N	28E	1-36
20N	29E	1-36
20N	30E	1-36
20N	31E	1-36
20N	32E	W½ 4, 5-8, W½ 9, W½ & S½ 16, 17-21, 29, 30
19N	26E	1-4, E½ 5, E½ 8, 9-36
19N	27E	1-36
19N	28E	1-36
19N	29E	1-36
19N	30E	1-36
19N	31E	2-11, 14-22, 27-33
18N	26E	1-30, 32-36
18N	27E	1-36
18N	28E	1-36
18N	29E	1-36
18N	30E	1-36
18N	31E	W½ 4, 5-8, W½ 9, W½ 16, 17-20, W½ 21, W½ 28, 29-32, W½ 33
17N	28E	1-3, 10-15, 21-28, 33-36
17N	29E	1-36
17N	30E	1-36

Exhibit "B"

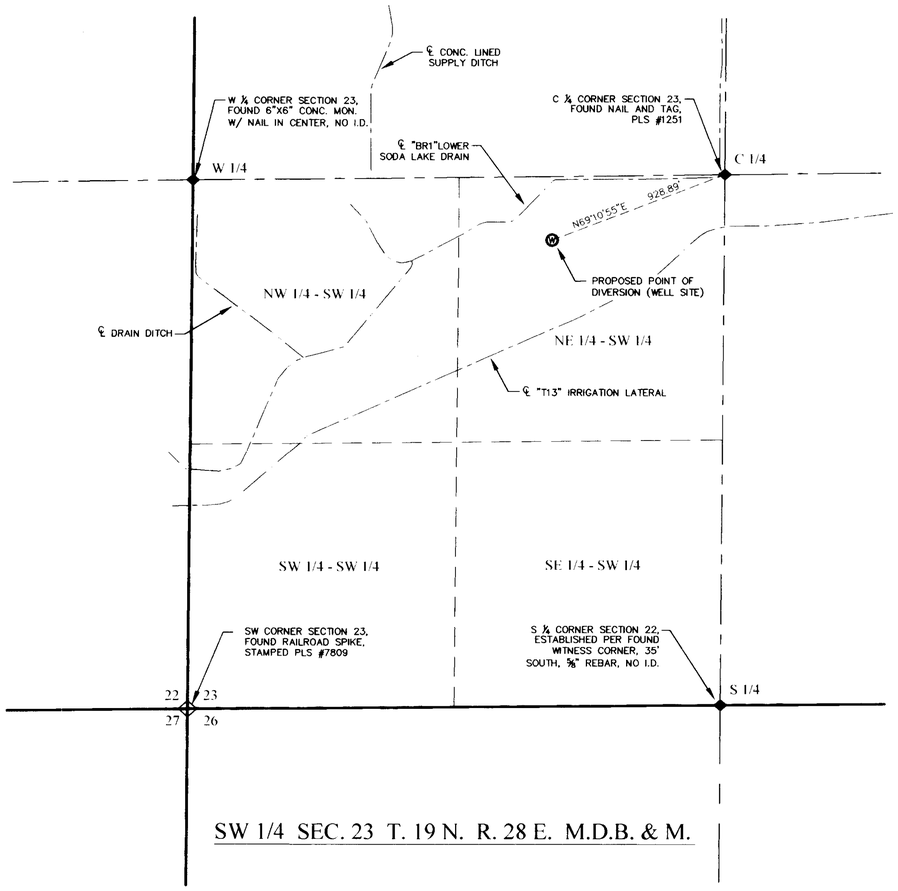
Question 12:

The Dixie Valley underground water resource has been identified as a long-term municipal supply for Churchill County in their 2025/2050 Water Resource Plan dated 8 October 2003 and the Water Resource Plan Update dated April 2007. Both of these plans have provided feasibility level design and cost estimates for development of the resource.

Question 13:

Churchill County currently has pending applications 49200 – 49205 and 49794 – 49800 in Dixie Valley seeking any unappropriated perennial yield. These applications were not protested and action by the State Engineer was postponed pending water supply studies. These duplicate applications are being filed as a precautionary measure as a result of the recent Nevada Supreme Court decision (126 Nev., Advance Opinion 2) filed 28 January 2010. Applicant files these applications without waiving or in any way prejudicing any priority, rights, privileges or entitlements associated with applicant's previously filed pending applications.

Churchill County and their consultants are currently study team members in a 5-year (FY09-13) comprehensive water resource study of Dixie Valley and Tributary Basins being headed by the Bureau of Reclamation (BOR). Funding and authorization was granted under PL 110-161. Study team members include the BOR, USGS, State Engineer and private consultants. Applicant requests action is postponed on these applications and prior applications 49200 – 49205 and 49794 - 49800, pending the outcome of the ongoing water resource study.



SW 1/4 SEC. 23 T. 19 N. R. 28 E. M.D.B. & M.

STATE OF NEVADA
COUNTY OF CHURCHILL } S.S.

I, ERIK K. LEE, BEING FIRST DULY SWORN, DEPOSE AND SAY THAT THIS MAP, CONSISTING OF ONE SHEET, HAS BEEN CORRECTLY DRAWN TO THE DESIGNATED SCALE FROM FIELD NOTES OF A SURVEY MADE BY ME ON THE *17th* DAY OF *DECEMBER* 2007. THAT IT TRULY AND CORRECTLY REPRESENTS THE PROPOSED LOCATION AND EXTENT OF THE WORKS USED TO DIVERT WATER FROM AN UNDERGROUND SOURCE IN CHURCHILL COUNTY BY DONALD D. CARBAUGH AND DIANN CARBAUGH, FOR MUNICIPAL PURPOSES. THAT THE PROPOSED POINT OF DIVERSION AND THE BOUNDARY OF ALL LANDS, SHOWING BY 40 ACRE SUBDIVISIONS, ARE FULLY AND CORRECTLY DESIGNATED THEREON.

Erik K. Lee — 12-19-07

STATE WATER RIGHT SURVEYOR — DATE
CERTIFICATE NO. 1169

PROFESSIONAL ENGINEER - STATE OF NEVADA
ERIK K. LEE
Exp: 12/31/07
CIVIL
No. 17078

SUBSCRIBED AND SWORN TO BEFORE ME

THIS 19th DAY OF December, 2007.

NOTARY PUBLIC

NOTARY PUBLIC IN AND FOR CHURCHILL COUNTY, NEVADA

MY COMMISSION EXPIRES April 9th, 2010

MELISSA K. MAIDENS
Notary Public State of Nevada
Appointment Recorded in Churchill County
No. 02-74751-4 Expires April 9, 2010

LEGEND

- PROPOSED WELL
- RANGE BOUNDARY
- SECTION BOUNDARY
- 1/4 SECTION BOUNDARY
- 1/16 SECTION BOUNDARY
- FOUND SECTION CORNER
- FOUND 1/4 CORNER

BASIS OF BEARING

NORTH AMERICAN DATUM OF 1983/94 (NAD83/94), NEVADA STATE PLANE WEST ZONE. AS DETERMINED WITH REAL TIME KINEMATIC (RTK) GPS OBSERVATIONS, OBSERVED ON DECEMBER 17, 2007, USING TRIMBLE 5800 RECEIVER WITH CORRECTIONS FROM THE NEVADA DEPARTMENT OF TRANSPORTATION "FLN1" CONTINUOUSLY OPERATING REFERENCE STATION (CORS), BEING APART OF THE NORTHERN NEVADA REGIONAL MAPPING NETWORK. MODIFIED BY A COMBINATION FACTOR OF 1.000269448 AND CONVERTED TO THE U.S. SURVEY FOOT. ALL DIMENSIONS ARE GROUND DISTANCES.

GRAPHIC SCALE
400 0 200 400 800
(IN FEET)
1 inch = 400 ft.

N

TRC

Planners - Engineers - Surveyors

RENO OFFICE:
4875 LONGLEY LANE, SUITE 100
RENO, NEVADA 89502
PHONE (775) 322-3064
FAX (775) 322-3795

FALLON OFFICE:
2260 RENO HIGHWAY, SUITE C
FALLON, NEVADA 89406
PHONE (775) 423-4053
FAX (775) 423-4345

STATE ENGINEER'S USE

76541

REC
12-28-07
Consists of 3 sheets
Sheet #1 Proposed POD by Erik Lee
- Sheet #2 Existing POD and POU by Chris Mahannah
Sheet #3 Proposed POU by Chris Mahannah

FILED
DEC 28 2007
STATE ENGINEER'S OFFICE

MAP TO ACCOMPANY APPLICATION TO CHANGE POINT OF DIVERSION, PLACE OF USE, AND MANNER OF USE, OF A PORTION OF PERMIT NO. 31187, CERTIFICATE NO. 10707, FOR MUNICIPAL PURPOSES

(S)

FOR: MUNICIPAL
BY: DONALD D. CARBAUGH AND DIANN CARBAUGH
FROM: AN UNDERGROUND SOURCE
IN: CHURCHILL COUNTY, NEVADA

76541



Site Search

Permit Information

New Search

App/Permit: 79622
Status: READY FOR ACTION
Certificate: None

General | Maps & Due Dates | Place of Use | Abrogations/Protests/Rulings | Ownership and Title

Current Ownership Information

(NOTE: Owner names shown here are standardized for retreival purposes only. Verify legal names before submitting any new documentation.)

Owner	Type	Div Rate	Duty	Acres	Change By	APN	County	Description
CHURCHILL COUNTY	B	0	0	0				

Confirmed By:
Effective Date:

Original Owners

Owner
CHURCHILL COUNTY

Remarks

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

Application 79627

BASIN: Dixie Valley (128) **COUNTY:** Churchill

LATITUDE: 39.79746 **LONGITUDE:** -118.069629

OWNERSHIP:	Churchill County
PRIORITY DATE:	2/19/2010
SOURCE DESCRIPTION:	UG
POINT OF DIVERSION:	SW¼SE¼ Section 05, T.22N., R.35E., M.D.M.
MANNER OF USE:	MUN
PLACE OF USE:	See attached table
DIVERSION RATE:	6.0 cfs
ALLOWED DUTY:	0.0 afa
PERIOD OF USE:	01/01-12/31
STATUS:	RFA
RFA DATE:	4/27/2010
REMARKS:	

POD PARCEL:	Churchill County APN 004-211-03
POD PARCEL OWNER:	United States of America
POU PARCEL:	Churchill County APN Multiple
POU PARCEL OWNER:	Multiple

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

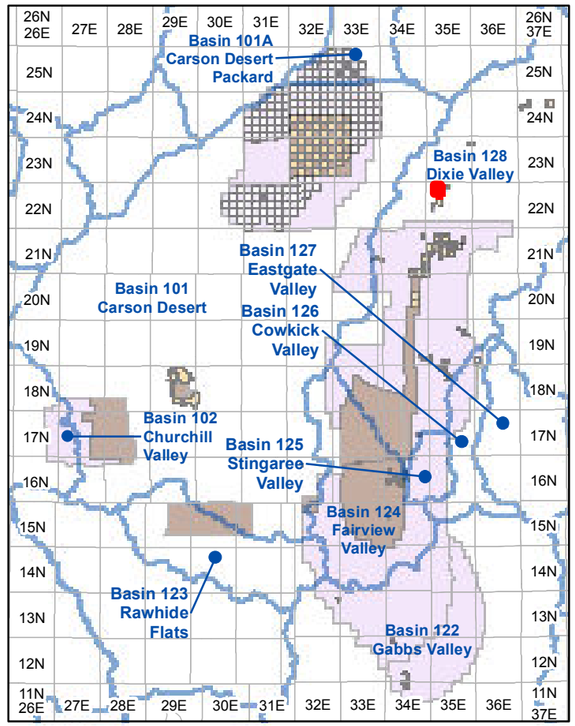
Application 79627

The current owner of Application 79627 is Churchill County. The application was submitted to the NDWR on February 19, 2010. The application requests an allowed diversion rate of 6.0 CFS be permitted for municipal purposes from January 1 through December 31.

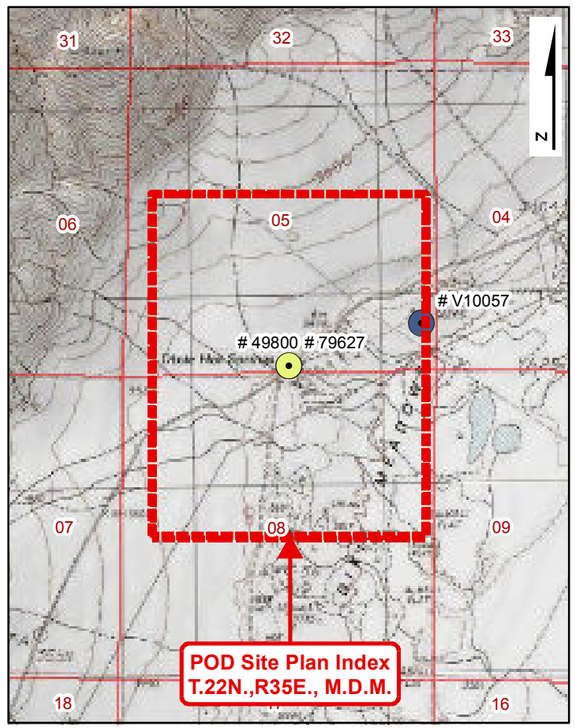
The proposed point of diversion is located within the SW¼SE¼ Section 5, Township 22N, Range 35E, MDM. The proposed place of use is within Churchill County and is more specifically listed below.

Section(s)	Township	Range
1-4, E½5, E½8, 9-16, E½17, E½20, 21-28, E½29, 30, 31, E½32, 33-36	20N	26E
All Sections	20N	27E
All Sections	20N	28E
All Sections	20N	29E
All Sections	20N	30E
All Sections	20N	31E
W½4, 5-8, W½9, W½ & S½16, 17-21, 29-30	20N	32E
1-4, E½5, E½8, 9-36	19N	26E
All Sections	19N	27E
All Sections	19N	28E
All Sections	19N	29E
All Sections	19N	30E
2-11, 14-22, 27-33	19N	31E
1-30, 32-36	18N	26E
All Sections	18N	27E
All Sections	18N	28E
All Sections	18N	29E
All Sections	18N	30E
W½4, 5-8, W½9, W½16, 17-20, W½21, W½28, 29-32, W½33	18N	31E
1-3, 10-15, 21-28, 33-36	17N	28E
All Sections	17N	29E
All Sections	17N	30E

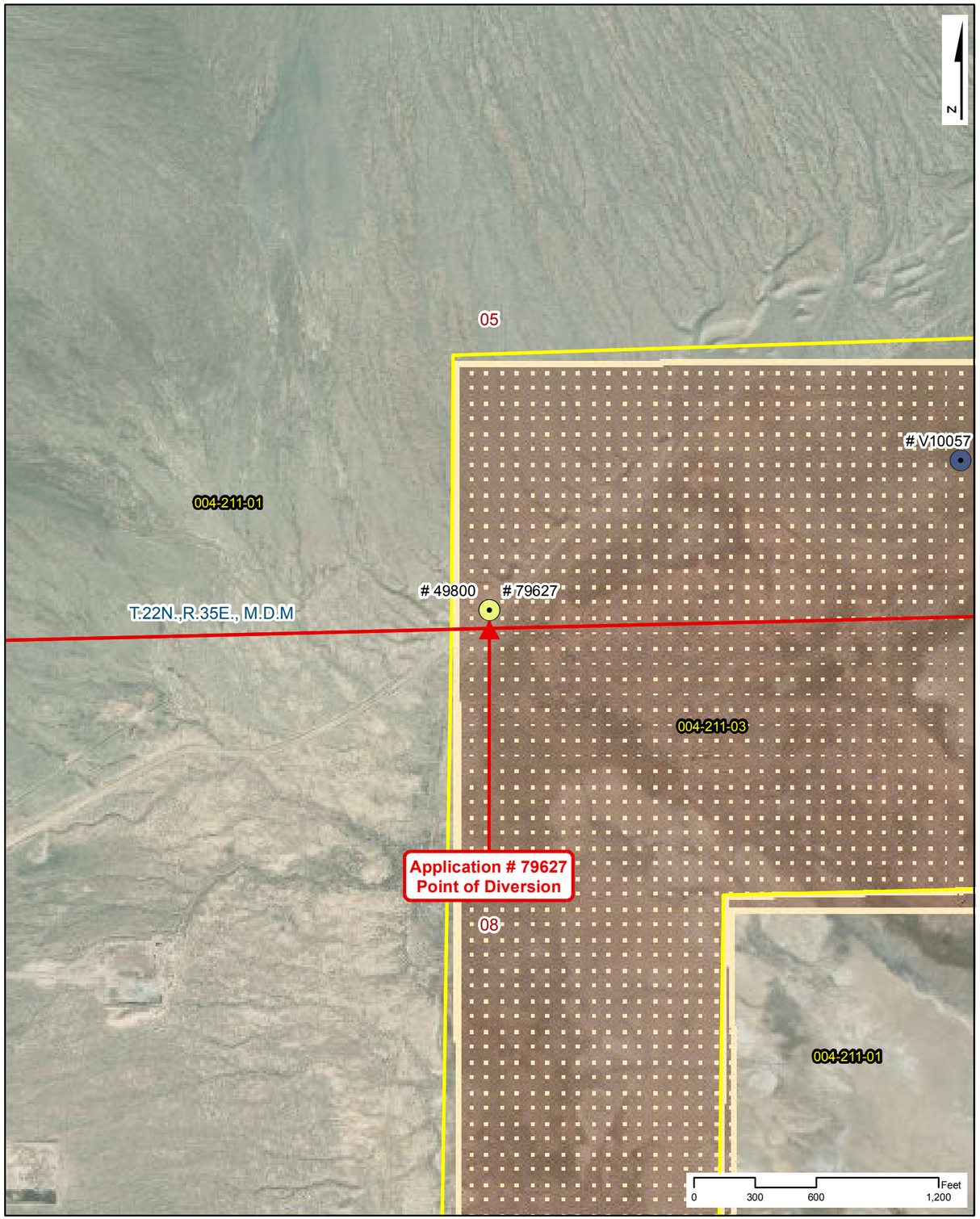
Application 79627 has gone through the noticing period and has been in RFA status with the NDWR since April 27, 2010.



Township and Range Index
Scale: 1" = 20 Miles



USGS Quadmap Site Plan Index
Scale: 1" = 1/2 Mile



Point of Diversion Site Plan
Scale: 1" = 600'

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH INVENTORY SERVICES

Application: 79627

BASIN: Dixie Valley (128) — **COUNTY: Churchill**
LATITUDE: 39.79746 — **LONGITUDE: -118.069629**
POINT OF DIVERSION: SW1/4,SE1/4, Section 5, T.22N.,R35E., M.D.M.
PLACE OF USE (DWR Polygon ID): 6722
PERMIT LAND CATEGORY: Existing Lands Privately Held

OWNERSHIP
Churchill County

FILING DATE: 2/19/2010
RFA DATE: 4/27/2010
STATUS: Ready for Action

USE UNITS

SOURCE DESCRIPTION: Underground
MANNER OF USE: Municipal
DIVERSION RATE: 6 CFS
ALLOWED DUTY: 0.000 AFA
PERIOD OF USE: 01/01-12/31

GIS PARCEL DATA

A.P.N. 004-211-03, CHURCHILL COUNTY UNITED STATES OF AMERICA

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index
- Township Range Grid
- Hydrographic Basins

Existing Navy Lands
- Withdrawan
- Non Federal
- Navy Owned

Proposed Navy Lands
- Proposed Withdrawal Expansion
- Non Federal

Point of Diversion Manner of Use
- As Decreed
- Commercial
- Domestic
- Environmental
- Industrial
- Irrigation
- Mining & Milling
- Municipal
- Other
- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

R|O Anderson

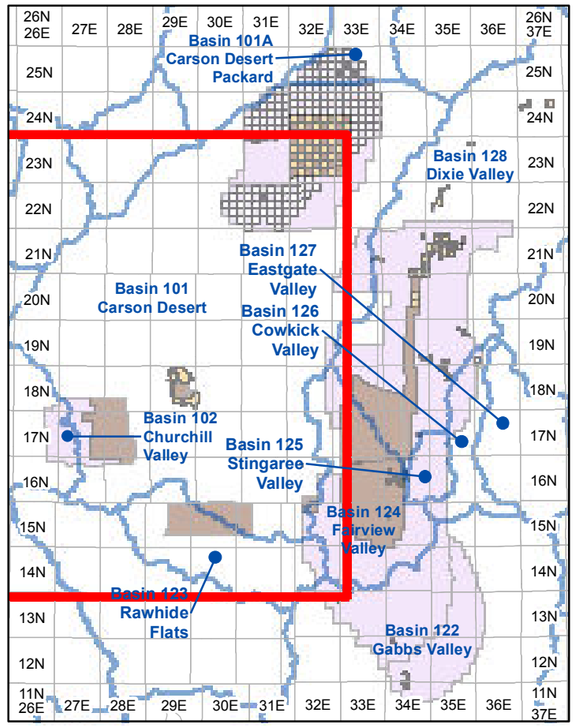
Application: 79627

Product of R.O. Anderson Engineering, Inc. -=- Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_Application_Maps.mxd -=- GIS Specilist: Eric Herron -=- Publication Date: 10/5/2019 10:49:12 AM

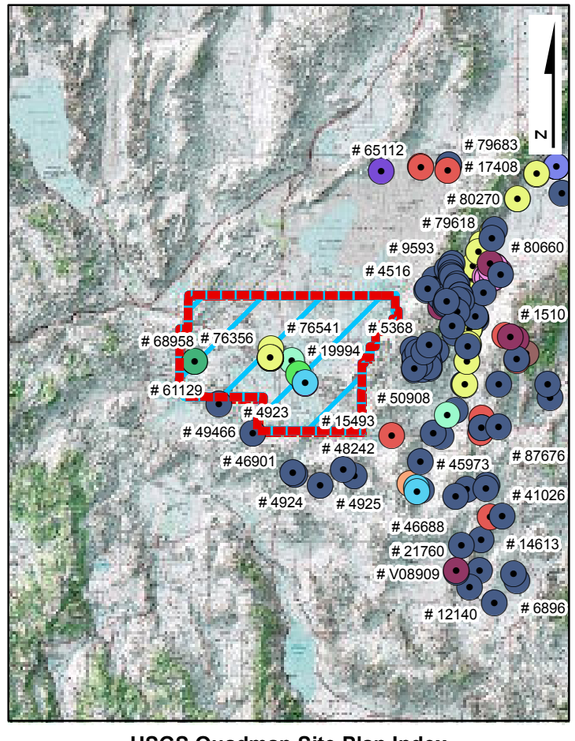
NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH INVENTORY SERVICES

DIVISION OF WATER RESOURCES PLACE OF USE GIS DATA

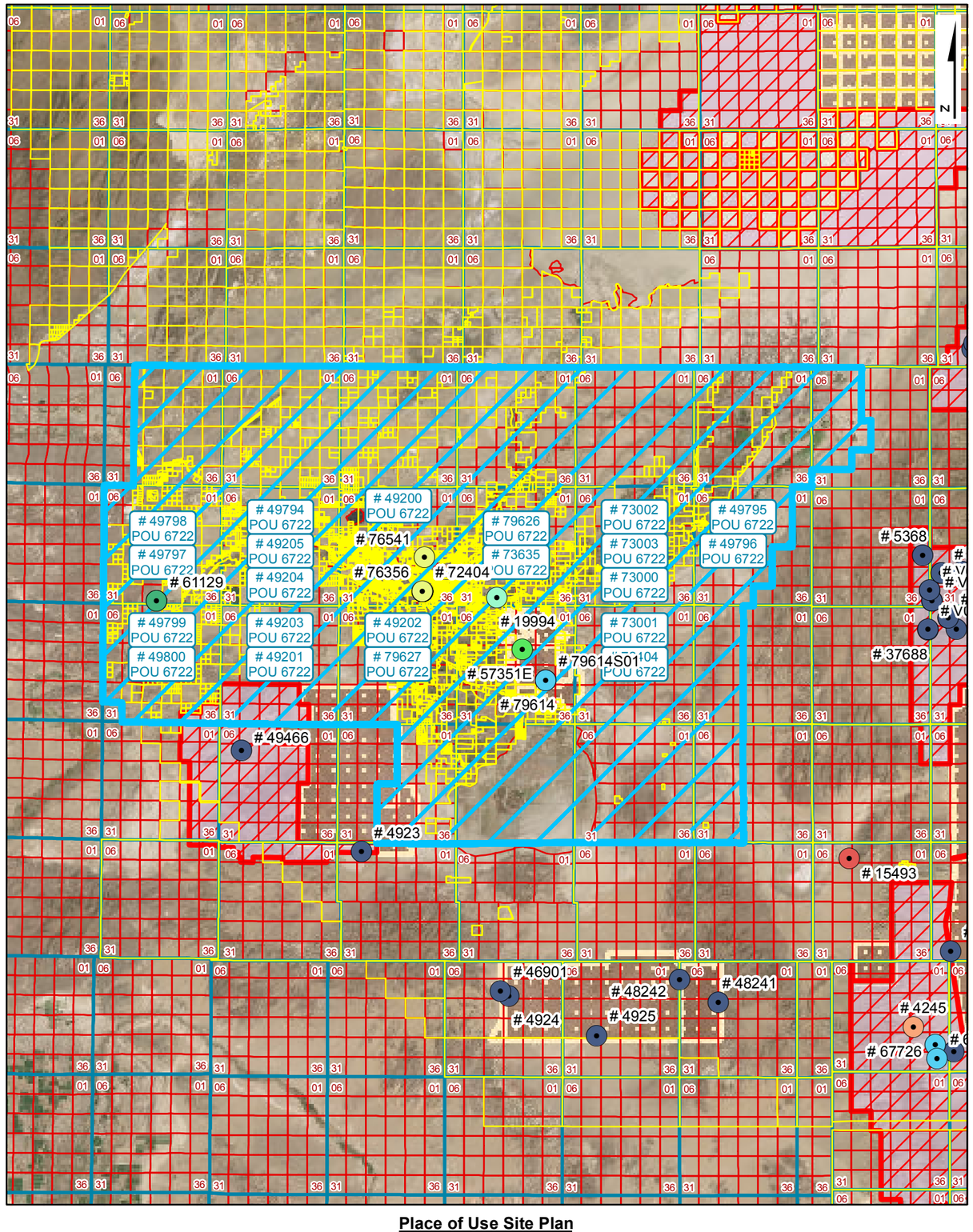
WATER RIGHT: 79627 **DWR POLYGON ID: 6722**



Township and Range Index



USGS Quadmap Site Plan Index



Place of Use Site Plan

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index

- Township Range Grid
- Hydrographic Basins

Existing Navy Lands
- Withdrawan
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- As Decreed
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- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

R|O Anderson

WATER RIGHT: 79627
DWR POLYGON ID: 6722

Product of R.O. Anderson Engineering, Inc. -= Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_POU_Maps.mxd =- GIS Specilist: Eric Herron =- Publication Date: 10/5/2019 12:02:14 PM

Application No. 79627

APPLICATION FOR PERMIT TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

THIS SPACE FOR OFFICE USE ONLY

Date of Filing in State Engineer's Office FEB 19 2010

Returned to applicant for correction _____

Corrected Application filed _____ Map filed JUN 13 1986 under 49800

The applicant Churchill County, a political subdivision of the State of Nevada

155 N. Taylor Street, Suite 153 (Street Address or P.O. Box) of Fallon (City or Town)

Nevada 89406 (State and ZIP Code) hereby make(s) application for permission to appropriate the public waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.)

---

1. The source of water is Underground
   Name of the stream, lake, underground, spring or other sources.
2. The amount of water applied for is 6.0 cfs
   One second foot equals 448.83 gallons per minute.
   (a) If stored in a reservoir give the number of acre-feet _____
3. The water is to be used for Municipal
   Irrigation, power, mining, commercial, domestic or other use. Must be limited to one major use.
4. If use is for:
   (a) Irrigation, state number of acres to be irrigated _____
   (b) Stockwater, state number and kind of animals _____
   (c) Other use (describe fully in No. 12) _____
   (d) Power:
      (1) Horsepower developed _____
      (2) Point of return of water to stream _____

Revised 07/09

128-CH

5. The water is to be diverted from its source at the following point: (Describe as being within a 40-acre subdivision of public survey, and by course and distance to a found section corner. If on unsurveyed land, it should be so stated.)

SW¼ SE¼ Section 5, T.22N., R.35E., M.D.B.&M. or at a point from which the S¼ corner of said Section 5 bears S60°20'54"W a distance of 178.64 feet. Refer to map filed under Application 49800.

6. Place of use: (Describe by legal subdivision. If on unsurveyed land, it should be so stated)

See Exhibit "A". Refer to map filed under Permit 76541, sheet 3 of 3.

7. Use will begin about January 1 (Month and Day) and end about December 31 (Month and Day) of each year.

8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) (State manner in which water is to be diverted, i.e. diversion structure, ditches and flumes, drilled well with a pump and motor, etc.)

Well equipped with pump and motor, pump stations, storage tanks, water treatment facilities and distribution system.

9. Estimated cost of works: $300 Million

10. Estimated time required to construct works: 20 years
(If the well is complete, describe works.)

11. Estimated time required to complete the application of water to beneficial use: 30 years

12. Provide a detailed description of the proposed project and its water usage (use attachments if necessary): (Failure to provide a detailed description may cause a delay in processing.)

See Exhibit "B"

13. Miscellaneous remarks:

See Exhibit "B"

chris@gbis.com
E-mail Address

(775) 323-1804
Phone No.

APPLICATION MUST BE SIGNED
BY THE APPLICANT OR AGENT

Chris C. Mahannah, P.E., SWRS#976 - Agent
Type or print name clearly

Signature, applicant or agent

Mahannah & Associates, LLC
Company Name

P.O. Box 2494
Street Address or PO Box

Reno, NV 89505
City, State, ZIP Code

Revised 07/09 $300 FILING FEE AND SUPPORTING MAP MUST ACCOMPANY APPLICATION

79627

Exhibit "A" - Proposed Place of Use

TWN	RNG	Sections
20N	26E	1-4, E½ 5, E½ 8, 9-16, E½ 17, E½ 20, 21-28, E½ 29, E½ 32, 33-36
20N	27E	1-36
20N	28E	1-36
20N	29E	1-36
20N	30E	1-36
20N	31E	1-36
20N	32E	W½ 4, 5-8, W½ 9, W½ & S½ 16, 17-21, 29, 30
19N	26E	1-4, E½ 5, E½ 8, 9-36
19N	27E	1-36
19N	28E	1-36
19N	29E	1-36
19N	30E	1-36
19N	31E	2-11, 14-22, 27-33
18N	26E	1-30, 32-36
18N	27E	1-36
18N	28E	1-36
18N	29E	1-36
18N	30E	1-36
18N	31E	W½ 4, 5-8, W½ 9, W½ 16, 17-20, W½ 21, W½ 28, 29-32, W½ 33
17N	28E	1-3, 10-15, 21-28, 33-36
17N	29E	1-36
17N	30E	1-36

Exhibit "B"

Question 12:

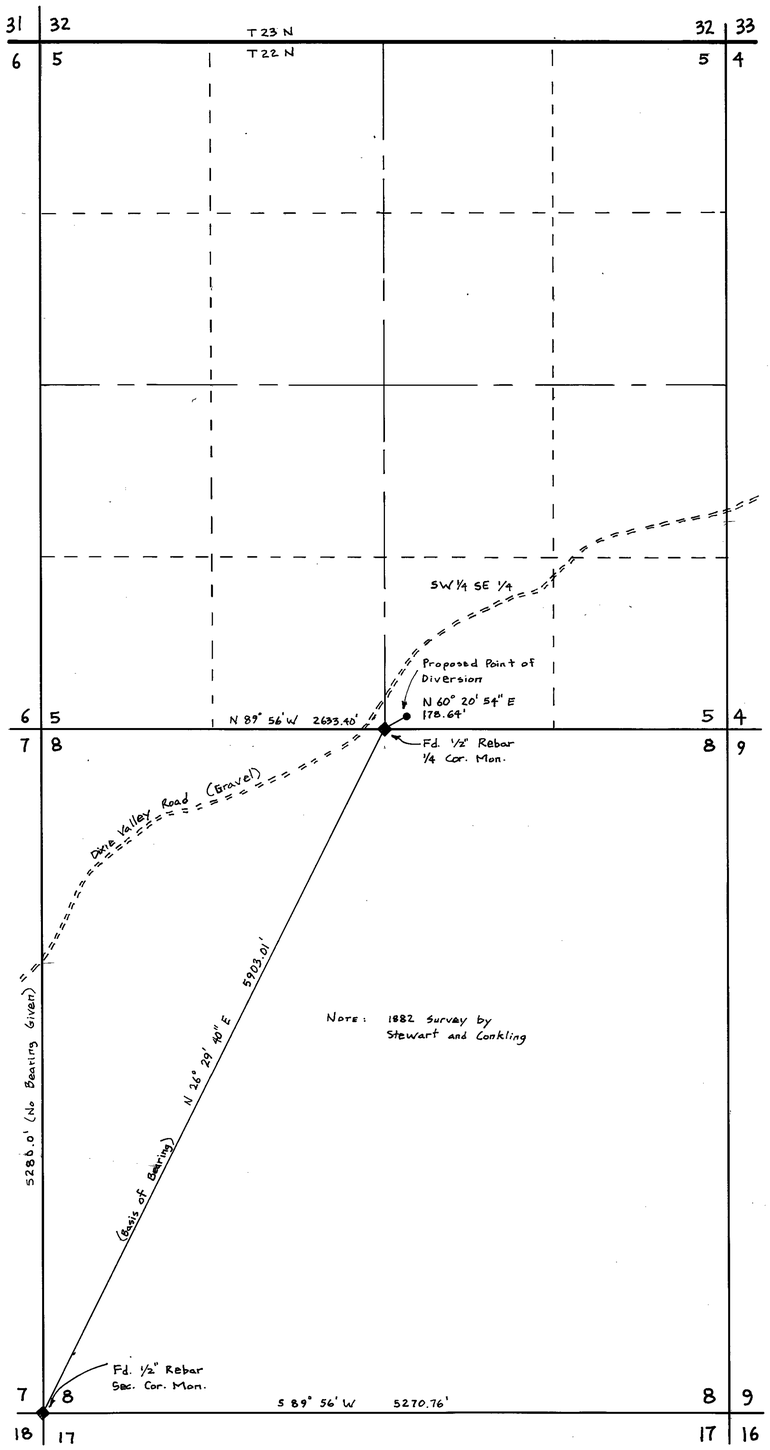
The Dixie Valley underground water resource has been identified as a long-term municipal supply for Churchill County in their 2025/2050 Water Resource Plan dated 8 October 2003 and the Water Resource Plan Update dated April 2007. Both of these plans have provided feasibility level design and cost estimates for development of the resource.

Question 13:

Churchill County currently has pending applications 49200 – 49205 and 49794 – 49800 in Dixie Valley seeking any unappropriated perennial yield. These applications were not protested and action by the State Engineer was postponed pending water supply studies. These duplicate applications are being filed as a precautionary measure as a result of the recent Nevada Supreme Court decision (126 Nev., Advance Opinion 2) filed 28 January 2010. Applicant files these applications without waiving or in any way prejudicing any priority, rights, privileges or entitlements associated with applicant's previously filed pending applications.

Churchill County and their consultants are currently study team members in a 5-year (FY09-13) comprehensive water resource study of Dixie Valley and Tributary Basins being headed by the Bureau of Reclamation (BOR). Funding and authorization was granted under PL 110-161. Study team members include the BOR, USGS, State Engineer and private consultants. Applicant requests action is postponed on these applications and prior applications 49200 – 49205 and 49794 - 49800, pending the outcome of the ongoing water resource study.





SECTION 5
TOWNSHIP 22 NORTH, RANGE 35 EAST M.D.M.
CHURCHILL COUNTY, NEVADA

STATE OF NEVADA }
COUNTY OF } S.S.

I, Clare N. Mahannah, being first duly sworn, depose and say that this map, consisting of 1 sheet(s), numbered from 1 to 1, inclusive, has been correctly drawn to the designated scale from field notes of a survey made by me, (or under my supervision and direction), between the 24 day of May, and the 25 day of May, 1986; that it truly and correctly represents the proposed location and extent of the works used to divert water from an underground source in Churchill county, by Timothy J. Durbin for Quasi-Municipal purposes. That the proposed point of diversion, the approximate location and size of diverting channel, all reservoirs or basins, the location and names of all other works which will cross or connect with the proposed works, and the boundary of all lands to be served are fully and correctly designated thereon.

Clare N. Mahannah
STATE WATER RIGHT SURVEYOR No. 762

Subscribed and sworn to before me
this 11th day of June, 1986

Notary Public in and for Washoe county, Nevada

Sandra K. Beckett

SANDRA K. BECKETT
Notary Public - State of Nevada
Appointment Recorded in Washoe County
MY APPOINTMENT EXPIRES DEC. 10, 1988

0 600 1200 1800 2400 3000

SCALE 1" = 600'

Note: For Place of Use - See Sheet 2 of Map For Application 49200

FILED
JUN 13 1986
STATE ENGINEER'S OFFICE

STATE ENGINEERS OFFICE
'86 JUN 13 P3:09

MAP
TO ACCOMPANY APPLICATION
NO. 49800 TO APPROPRIATE WATER
FOR QUASI-MUNICIPAL PURPOSES
BY: Timothy J. Durbin
FROM: Underground Source
IN: Churchill County, Nevada

WATER RESEARCH AND DEVELOPMENT
P.O. BOX 9066 · RENO, NV · 89507-9066
(702) 747-1100

79627 49800

State of Nevada
Division of Water Resources

Site Search

Permit Information

New Search

App/Permit: 79627
Status: READY FOR ACTION
Certificate: None

General | Maps & Due Dates | Place of Use | Abrogations/Protests/Rulings | Ownership and Title

Current Ownership Information

(NOTE: Owner names shown here are standardized for retreival purposes only. Verify legal names before submitting any new documentation.)

Owner	Type	Div Rate	Duty	Acres	Change By	APN	County	Description
CHURCHILL COUNTY	B	0	0	0				

Confirmed By:
Effective Date:

Original Owners

Owner
CHURCHILL COUNTY

Remarks

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

PERMIT 80934/CERTIFICATE 19568

BASIN: Dixie Valley (128) **COUNTY:** Churchill

LATITUDE: 39.499396 **LONGITUDE:** -118.153801

OWNERSHIP:	Plouviez, Paul
PRIORITY DATE:	06/27/2011
SOURCE DESCRIPTION:	Underground – Hot Water Well
POINT OF DIVERSION:	SE¼NE¼ Section 21, T.19N., R.34E., M.D.M.
MANNER OF USE:	Stockwatering
USE UNITS:	528 Cattle
PLACE OF USE:	SE¼NE¼ Section 21, T.19N., R.34E., M.D.M
DIVERSION RATE:	0.0163 CFS
ALLOWED DUTY:	11.83 AFA
PERIOD OF USE:	03/01 – 02/28
STATUS:	Certificated
DUE DATES:	None
REMARKS:	Total Combined Duty Permit 54127/Certificate 16925 and Permit 80934/Certificate 19568 not to exceed 12.12 AFA, or 541 cattle Encumbered

---

POD PARCEL:	Churchill County APN No. 003-251-02
POD PARCEL OWNER:	Bureau of Land Management
POU PARCEL:	Churchill County APN No. 003-251-02
POU PARCEL OWNER:	Bureau of Land Management

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

Permit 80934/Certificate 19568

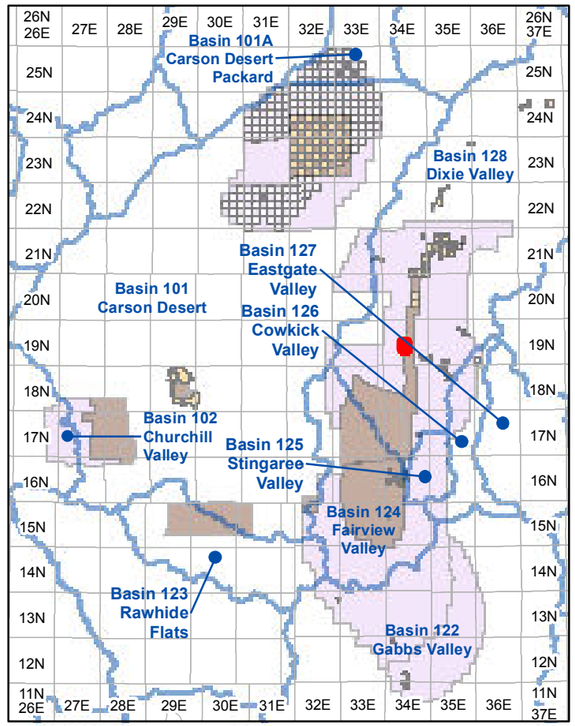
The current owner of Permit 80934/Certificate 19568 is Paul Plouviez. The permit was approved by the State Engineer on October 7, 2011 and was issued Certificate 19568 on September 17, 2014. It has a priority date of June 27, 2011 and a total duty of 11.83 acre-feet annually with an allowed diversion rate of 0.0163 CFS permitted for stock watering purposes sufficient to water 528 cattle. The allowed period of use is March 1 through February 28.

The point of diversion is located within the SE¼NE¼ of Section 21, Township 19N, Range 34E, MDM. The permitted place of use is in the Dixie Valley Basin, Dixie Valley Grazing Allotment, within Churchill County APN 003-251-02 under the ownership of the Bureau of Land Management and is more specifically listed in the table below.

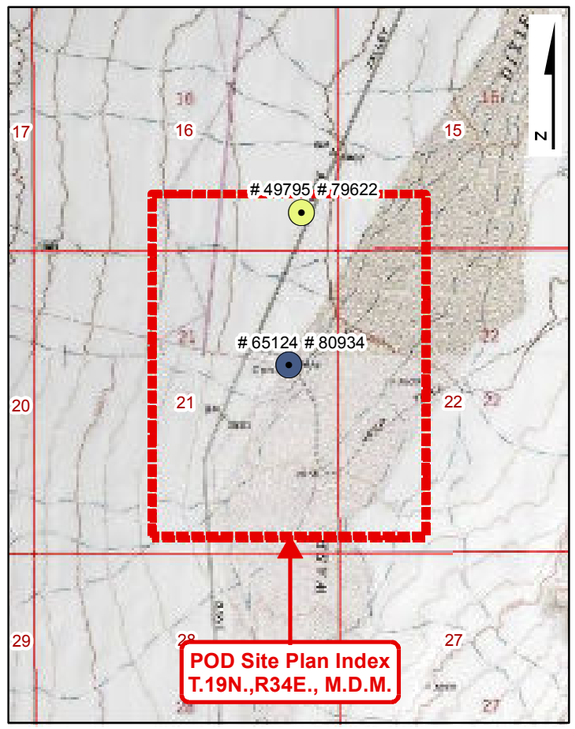
QQ	Q	Section	Township	Range	Acres
SE	NE	21	19N	34E	

Permit 80934/Certificate 19568 is currently in good standing with the NDWR with no further action required.

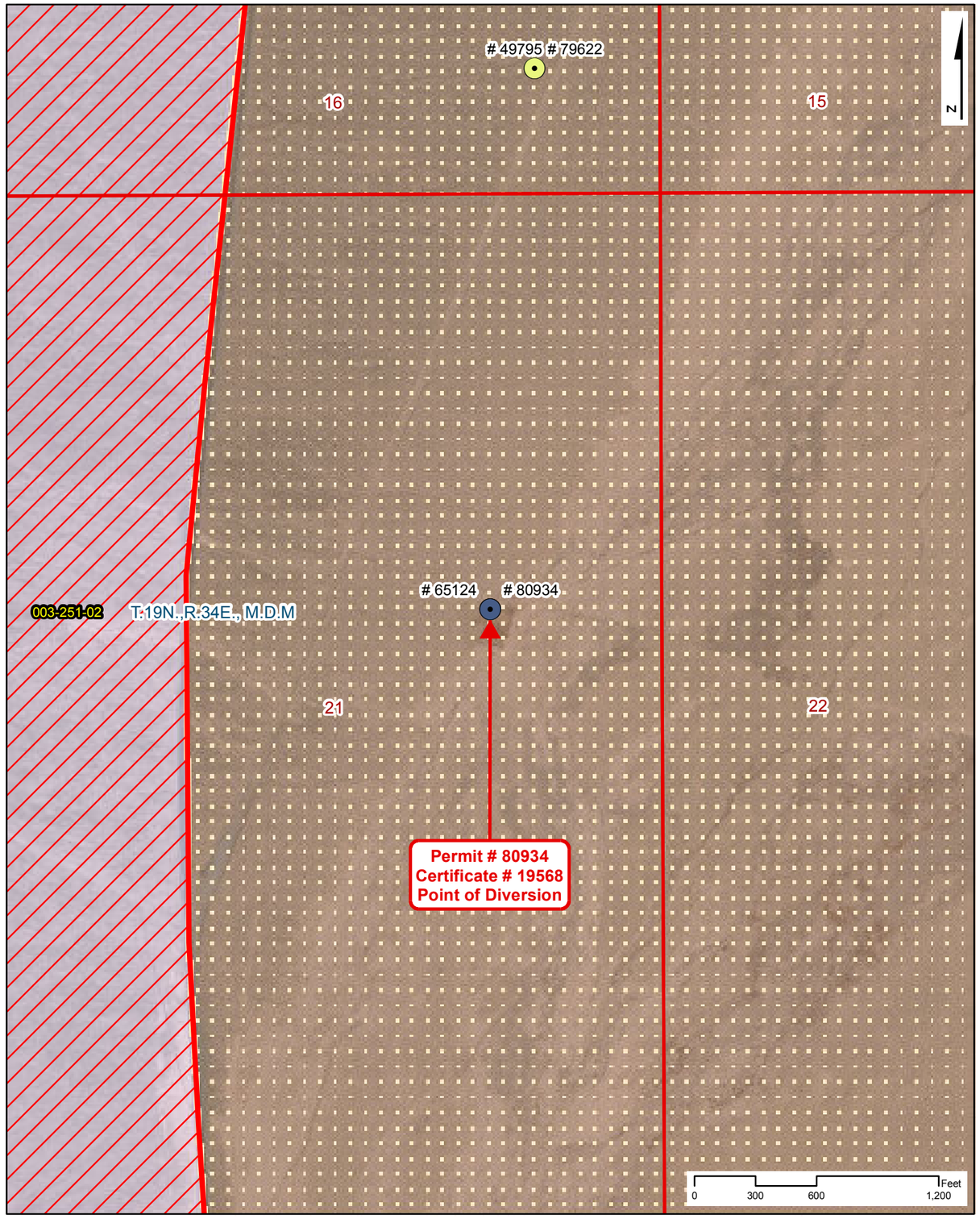
Product of R.O. Anderson Engineering, Inc. -= Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_Permit_Certificate_Maps.mxd -= GIS Specilist: Eric Herron -= Publication Date: 10/5/2019 10:48:12 AM



Township and Range Index
Scale: 1" = 20 Miles



USGS Quadmap Site Plan Index
Scale: 1" = 1/2 Mile



Point of Diversion Site Plan
Scale: 1" = 600'

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631

WATER RIGHTS RESEARCH INVENTORY SERVICES

PERMIT: 80934 **CERTIFICATE: 19568**

BASIN: Dixie Valley (128) **COUNTY: Churchill**
LATITUDE: 39.499396 **LONGITUDE: -118.153801**
POINT OF DIVERSION: **SE1/4,NE1/4, Section 21, T.19N.,R34E., M.D.M.**
PLACE OF USE (DWR Polygon ID): **N/A**
PERMIT LAND CATEGORY: **Existing Lands Privately Held**

OWNERSHIP

Plouviez, Paul

PRIORITY DATE: **6/27/2011**
PERMIT DATE: **10/7/2011**
CERTIFICATE DATE: **9/17/2014**
DUE DATE: **None**

USE UNITS

528 Cattle

SOURCE DESCRIPTION: **Underground**
MANNER OF USE: **Stock-Watering**
DIVERSION RATE: **0.0163 CFS**
ALLOWED DUTY: **11.830 AFA**
PERIOD OF USE: **03/01-02/28**

GIS PARCEL DATA

A.P.N. 003-251-02, CHURCHILL COUNTY BUREAU OF LAND MANAGEMENT

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index

- Township Range Grid
- Hydrographic Basins

Existing Navy Lands

- Withdrawan
- Non Federal
- Navy Owned

Proposed Navy Lands

- Proposed Withdrawal Expansion
- Non Federal

Point of Diversion Manner of Use

- As Decreed
- Commercial
- Domestic
- Environmental
- Industrial
- Irrigation
- Mining & Milling
- Municipal
- Other
- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

R|O Anderson

PERMIT: 80934
CERTIFICATE: 19568

THE STATE OF NEVADA

PERMIT TO APPROPRIATE WATER

Name of Permittee:	**PAUL PLOUVIEZ**
Source:	**HOT WATER WELL (UNDERGROUND)**
Basin:	**DIXIE VALLEY**
Manner of Use:	**STOCKWATERING**
Period of Use:	**MARCH 1ST TO FEBRUARY 28TH**
Priority Date:	**06/27/2011**

****

APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This permit is issued subject to all existing rights on the source. It is understood that the amount of water herein granted is only a temporary allowance and that the final water right obtained under this permit will be dependent upon the period of use and the average number of livestock served from the waters of this source. It is further understood that this right must allow for a reasonable lowering of the static water level at permittee's well due to any other ground water development in the area. The well shall be equipped with a 2-inch opening for measuring depth to water. If well is flowing, a valve must be installed and maintained to prevent waste. The State retains the right to regulate the use of the water herein granted at any and all times but does not take responsibility for the use of the Federal range.

This permit does not extend the permittee the right of ingress and egress on public, private or corporate lands.

The total combined duty of water under Permit 54127, Certificate 16925 and Permit 80934 shall not exceed that sufficient to water 541 head of cattle, but not to exceed 12.12 acre-feet annually

The issuance of this permit does not waive the requirements that the permit holder obtain other permits from State, Federal and local agencies.

The point of diversion and place of use are as described on the submitted application to support this permit.

(Continued on Page 2)

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, **and not to exceed 0.0163 cubic feet per second, sufficient to water 528 head of cattle, but not to exceed 11.83 acre-feet annually.**

Work must be prosecuted with reasonable diligence and proof of completion of work shall be filed on or before: **October 7 2012**

Water must be placed to beneficial use and proof of the application of water to beneficial use shall be filed on or before: **October 7 2012**

Map in support of proof of beneficial use shall be filed on or before: **N/A**

IN TESTIMONY WHEREOF, I, JASON KING, P.E.,

State Engineer of Nevada, have hereunto set my hand and the seal of my office, this 7th day of **October**, A.D. **2011**

Tim Tyl, P.E.
for State Engineer

Completion of work filed _____

Proof of beneficial use filed _____

Cultural map filed _____

Certificate No. _____ Issued _____

Application No. 80934

APPLICATION FOR PERMIT TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

THIS SPACE FOR OFFICE USE ONLY

Date of Filing in State Engineer's Office JUN 2 7 2011

Returned to applicant for correction _____

Corrected Application filed _____ Map filed MAY 19 1999 under 65124

The applicant Paul Plouviez

43333 Austin Hwy. - Bench Creek Ranch (Street Address or P.O. Box) of Fallon (City or Town)

Nevada, 89406 (State and ZIP Code) hereby make(s) application for permission to appropriate the public waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.)

---

1. The source of water is Underground - Hot Water Well
   (Name of the stream, lake, underground, spring or other sources.)
2. The amount of water applied for is .0163 c.f.s. or sufficient to water 528 head of cattle
   (One second foot equals 448.83 gallons per minute.)
   (a) If stored in a reservoir give the number of acre-feet N/A
3. The water is to be used for Stockwater
   (Irrigation, power, mining, commercial, domestic or other use. Must be limited to one major use.)
4. If use is for:
   (a) Irrigation, state number of acres to be irrigated N/A
   (b) Stockwater, state number and kind of animals 528 head of cattle
   (c) Other use (describe fully in No. 12) N/A
   (d) Power:
      (1) Horsepower developed N/A
      (2) Point of return of water to stream N/A

Revised 07/09

128 - CC

5. The water is to be diverted from its source at the following point: (Describe as being within a 40-acre subdivision of public survey, and by course and distance to a found section corner. If on unsurveyed land, it should be so stated.)

SE1/4 NE1/4 Section 21, T.19N., R. 34E., M.D.B.&M, or at a point which the NE corner of said Section 21 bears N. 22° 27' 45" E. a distance of 2,205.99 feet, and situated within the Dixie Valley Grazing Allotment located in Churchill County, Nevada. Please refer to map filed under Permit 65124, Cert. 16375.

6. Place of use: (Describe by legal subdivision. If on unsurveyed land, it should be so stated)

SE1/4 NE1/4 Section 21, T. 19N., R.34E., M.D.B.&M., and within the Dixie Valley Grazing Allotment. Please refer to map filed under Permit 65124, Cert. 16375.

7. Use will begin about March 1st (Month and Day) and end about February 28th (Month and Day) of each year.

8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) (State manner in which water is to be diverted, i.e. diversion structure, ditches and flumes, drilled well with a pump and motor, etc.)

Water is developed by means of a drilled and cased well and pumped to a 1000 gallon trough where approximately 528 head of cattle water. Permit 65124, Certificate 16375 references the same Point of Diversion, Place of Use and works.

9. Estimated cost of works: $5,000

10. Estimated time required to construct works: Completed (see Permit 65124, Cert. 16375)
(If the well is complete, describe works.)

11. Estimated time required to complete the application of water to beneficial use: One year

12. Provide a detailed description of the proposed project and its water usage (use attachments if necessary): (Failure to provide a detailed description may cause a delay in processing.)

The water source known as the Hot Water Well was originally developed through an agreement with BLM and C. B. Stark in 1956. Since that time, additional improvements and/or maintenance of such improvements have been made by subsequent range users such as Michael P. Casey, Ellenwood Livestock and even by the applicant which is the current range. The Hot Water Well is recognized as an improvement to the Dixie Valley Allotment (# 0318) by the BLM.

13. Miscellaneous remarks:

The location of the well is again located in the Dixie Valley Allotment and the BLM recognizes that the subject well is an improvement to that allotment. Improvement and maintenance records of the improvement are available for review. Additional confirmation of this water resource can be made by contacting Linda Appel, BLM- Rangeland Management Specialist (775-885-6010).

RECEIVED
2011 JUN 27 PM 2:47
STATE ENGINEER'S OFFICE

Paul Plouviez
Type or print name clearly

Signature, applicant or agent

Bench Creek Ranch
Company Name

43333 Austin Hwy
Street Address or PO Box

Fallon, Nevada 89406
City, State, ZIP Code

plouviez@aol.com
E-mail Address

775.335-5496
Phone No. Ext.

APPLICATION MUST BE SIGNED
BY THE APPLICANT OR AGENT

Revised 07/09 $300 FILING FEE AND SUPPORTING MAP MUST ACCOMPANY APPLICATION

mailing address
Bench Creek Ranch
P.O. Box 1315
KINGS BEACH, CA 96143

1 of 2

attachment to: Water Rights

RECEIVED
2011 JUN 27 PM 2:47
STATE ENGINEERS OFFICE

PAUL PLOUVIEZ
Print Name

Signature

RHONDA HUFF
Notary Public - State of Nevada
Appointment Recorded in Washoe County
No: 07-2165-2 - Expires March 14, 2015

STATE OF NEVADA)
) **ss:**
COUNTY OF WASHOE)

On this 27 day of June, in the year **2011**, before me, **RHONDA HUFF**, personally appeared, PAUL PLOUVIEZ, and proved to me on the basis of satisfactory evidence to be the person/s who name/s are subscribed to the within instrument and acknowledged to me that they executed the same in their authorized capacities, and that by their signature/s on the instrument the person/s, or the entity upon behalf of which the person/s acted, executed the instrument.

WITNESS my hand and official seal.

Rhonda Huff
Signature of Notary Public
Rhonda Huff

Permit No. **80934** Certificate No. **19568**

THE STATE OF NEVADA

CERTIFICATE OF APPROPRIATION OF WATER

WHEREAS, Paul Plouviez, Permittee, has presented to the State Engineer of the State of Nevada, Proof of Application of Water to Beneficial Use, from an underground source, through a drilled well, (Hot Water Well), pump, pipeline and troughs for stockwater purposes. The point of diversion of water from the source is as follows:

SE¼ NE¼ Section 21, T.19N., R.34E., M.D.B.&M., or at a point from which the NE corner of said Section 21, bears N. 22°27' 45" E., a distance of 2,205.99 feet, situated in Churchill County, State of Nevada.

Under the provisions of NRS 533.425, the State Engineer has determined the date, source, purpose, amount of appropriation, and the place where such water is appurtenant, as follows:

Name of appropriator:	**Paul Plouviez**
Source:	**Underground (Hot Water Well)**
Manner of use:	**Stockwater**
Amount of appropriation:	***0.0163 c.f.s. or sufficient to water 528 head of cattle, but not to exceed 11.83 acre-feet annually**
Period of use:	**March 1st through February 28th of each year**
Date of priority of appropriation:	**June 27, 2011**

Description of the works of diversion, manner and place of use:

Water is developed by means of a drilled well of unknown depth,6-inch diameter casing, equipped with a submersible pump, thence through a pipeline to a 10,000-gallon storage tank and three troughs, where 528 head of cattle water within the SE¼ NE¼ Section 21, T.19N., R.34E., M.D.B.&M., being within the Dixie Valley Grazing Allotment.

***The total combined duty of water under Permit 54127, Certificate 16925 and Permit 80934, Certificate 19568 shall not exceed 12.12 acre-feet annually or sufficient to water 541 head of cattle.**

This certificate is issued subject to the terms of the permit.

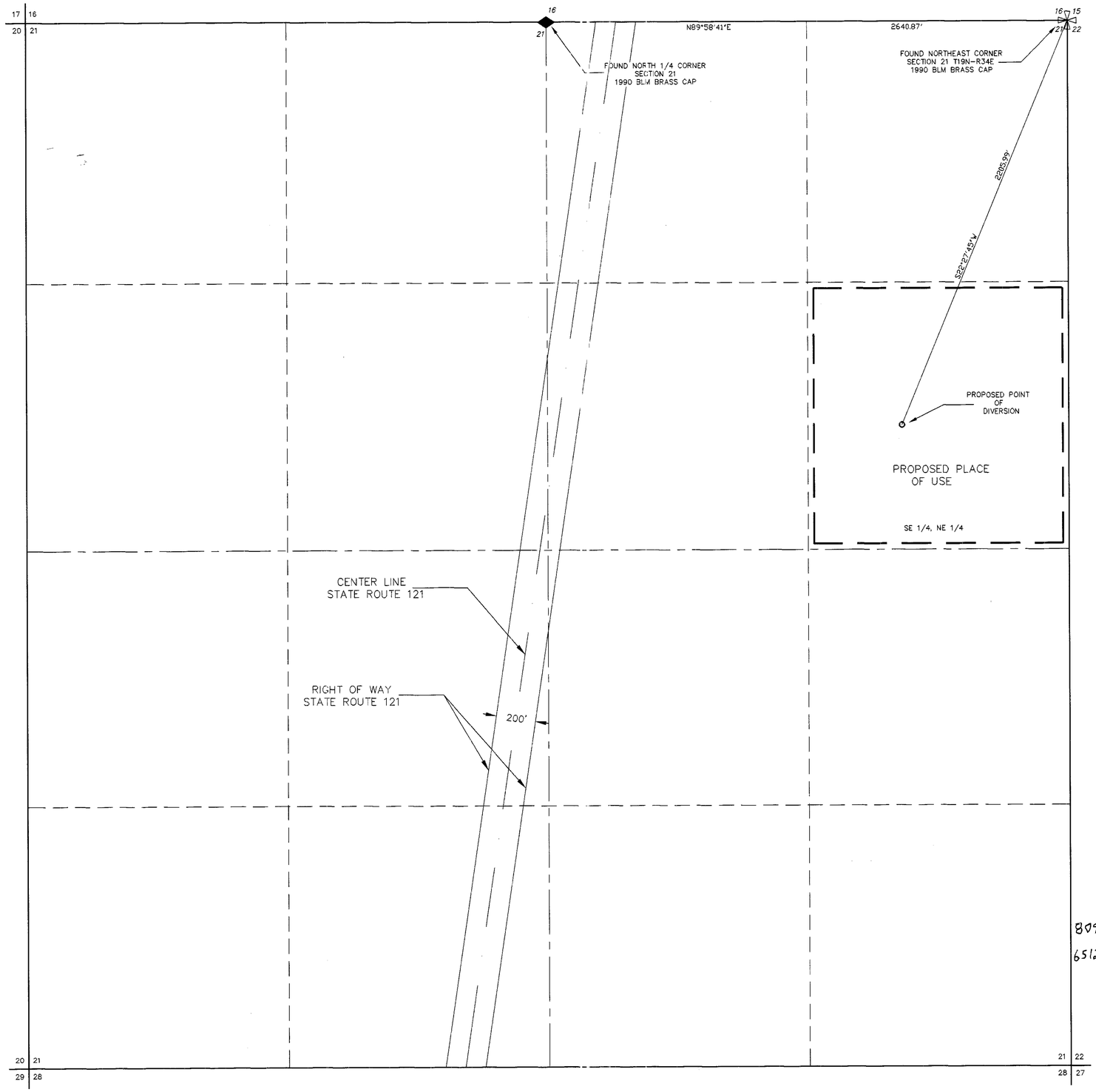
The right to water hereby determined is limited to the amount which can be beneficially used, not to exceed the amount above specified, and the use is restricted to the place and for the purpose as set forth herein.

IN TESTIMONY WHEREOF, I, JASON KING, P.E., State Engineer of Nevada, have hereunto set my hand and the seal of my office, this 17th day of Sept, **2014.**

P.E.

State Engineer

MB/sc



APEX
SURVEYING AND MAPPING
P.O. BOX 5816
ELKO, NEVADA
702-738-8512

99050

SHEET NO. 1 OF 1 SHEETS.

1"=300'

STATE OF NEVADA }
} SS.
COUNTY OF ELKO }

I, WILLIAM G. TURNEY, BEING FIRST DULY SWORN, DEPOSE AND SAY THAT THIS MAP, CONSISTING OF ONE SHEET, HAS BEEN CORRECTLY DRAWN TO THE DESIGNATED SCALE FROM FIELD NOTES OF A SURVEY MADE UNDER MY SUPERVISION AND DIRECTION, BETWEEN THE 10TH DAY OF MARCH AND THE 11TH DAY OF MARCH, 1999; THAT IT TRULY AND CORRECTLY REPRESENTS THE PROPOSED LOCATION AND EXTENT OF THE WORKS USED TO DIVERT WATER FROM UNDERGROUND IN CHURCHILL COUNTY, BY GARY TACKUS, FOR STOCK WATERING PURPOSES, THAT THE PROPOSED POINT OF DIVERSION, THE APPROXIMATE LOCATION AND SIZE OF THE DIVERTING CHANNEL, ALL RESERVOIRS OR BASINS, THE LOCATION AND NAMES OF ALL OTHER WORKS WHICH WILL CROSS OR CONNECT WITH THE PROPOSED WORKS, AND THE BOUNDARY OF ALL LANDS, SHOWING BY 40-ACRE SUBDIVISION, ARE FULLY AND CORRECTLY DESIGNATED THEREON.

William G. Turney
STATE WATER RIGHT SURVEYOR NO. 914

SUBSCRIBED AND SWORN TO BEFORE ME THIS 30 DAY OF
March, 1999.

Elizabeth Nunez
NOTARY PUBLIC IN AND FOR ELKO COUNTY, NEVADA.

ELIZABETH NUNEZ
Notary Public
State of Nevada
Elko County, Nevada
96-3099-6
My appointment expires August 9, 2002.

BASIS OF BEARINGS : THE LINE BETWEEN THE NORTHEAST CORNER OF SECTION 21 AND THE NORTH 1\4 CORNER OF SECTION 21, T.19 N., R.34 E., M.D.B.& M., BEING NORTH 89°58'41" EAST AS SHOWN ON THE BLM OFFICIAL RESURVEY PLAT.

PROFESSIONAL LAND SURVEYOR STATE OF NEVADA
WILLIAM G. TURNEY
3/30/99
No. 9394

80934 CERTIFICATE NO. 19568 ISSUED 9-17-2014

65124 CERTIFICATE No. 16315 ISSUED 8/1 3/04

GRAPHIC SCALE

300 0 150 300 600 1200
(IN FEET)
1 inch = 300 ft.

STATE ENGINEERS USE

HCS - 5/26/99 CORRECT SPELLING OF APPLICANT'S NAME IS TAKACS

65124

FILED
MAY 19 1999
STATE ENGINEER'S OFFICE

MAP TO ACCOMPANY APPLICATION TO APPROPRIATE WATER
FOR STOCK WATERING USE
BY GARY TACKUS FROM UNDERGROUND (S)
IN SEC. 21, T.19 N., R.34 E., M.D.B.& M.
CHURCHILL COUNTY, NEVADA

80934 65124

State of Nevada
Division of Water Resources

Site Search

Permit Information

New Search

App/Permit: 80934
Status: CERTIFICATE
Certificate: 19568

General | Maps & Due Dates | Place of Use | Abrogations/Protests/Rulings | Ownership and Title

Due Dates

Filing Date:	06/27/2011	**Priority Date:**	06/27/2011	**Return Date:**	
Sent For Publication:	07/07/2011	**Last Publication:**	08/03/2011	**Ready For Action:**	09/02/2011
Permit Date:	10/07/2011	**Withdrawn Date:**		**Forfeit Date:**	
Cancel Portion:		**Cancellation Date:**		**Cancellation Recind:**	
Denied Date:					

Maps

	Filed Under:	Date:		Filed Under:	Date:
Proposed POD:	65124	05/19/1999	**Existing POD:**	65124	05/19/1999
Proposed POU:	65124	05/19/1999	**Existing POU:**	65124	05/19/1999

Proofs of Completion and Beneficial Use

	Date Due:	Received:	Filed:	Extended:	Extension Received:
POC:	10/07/2012		10/22/2012		
PBU:	10/07/2013		10/17/2013	Y	

Other Dates and Requirements

Cultural Map Due:		**Received:**	
Filed Under:		**Certificate Date:**	09/17/2014
Forfeiture Due Date:		**Forfeiture Ext:**	
Forfeiture Portion:		**Forfeiture Filed:**	
Temporary Exp Date:		**Other Date:**	
Reporting Required:		**Forfeiture Received:**	
Remarks:			

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Last updated 1/16/2019
Acceptable Use Policy

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

Application 87770

BASIN: Dixie Valley (128) **COUNTY:** Churchill

LATITUDE: 39.577637 **LONGITUDE:** -118.127499

OWNERSHIP:	Bench Creek Ranch Co., LLC
PRIORITY DATE:	March 12, 2018
SOURCE DESCRIPTION:	Underground – Fort Apache Well
POINT OF DIVERSION:	SW¼SW¼ Section 23, T.20N., R.34E., M.D.M.
MANNER OF USE:	Stockwatering
USE UNITS:	533 Cattle
PLACE OF USE:	Dixie Valley Grazing Allotment – See Attached
DIVERSION RATE:	0.0166
ALLOWED DUTY:	11.95
PERIOD OF USE:	01/01 – 12/31
STATUS:	RFA
RFA DATE:	05/18/2018

REMARKS:

POD PARCEL:	Churchill County APN No. 003-471-03
POD PARCEL OWNER:	Bureau of Land Management
POU PARCEL:	Churchill County APN Multiple
POU PARCEL OWNER:	Multiple

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

Application 87770

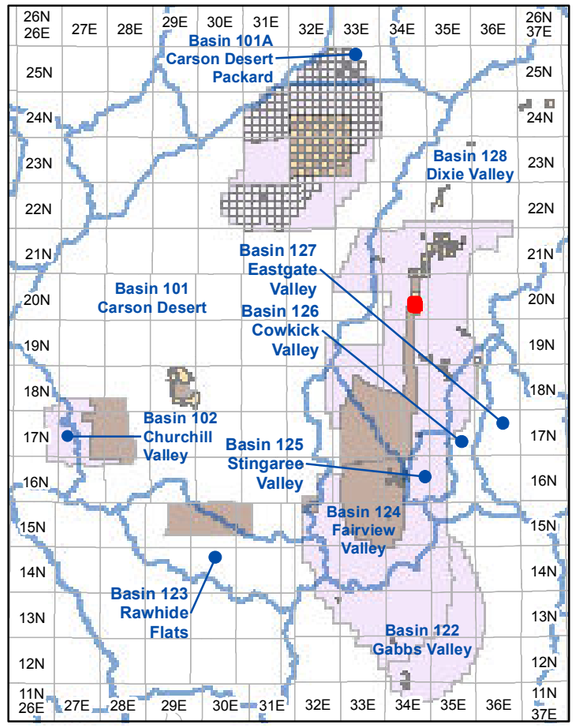
The current owner of Application 87770 is Bench Creek Ranch Co., LLC. The application was submitted to the State Engineer on May 18, 2018 with an allowed diversion rate of 0.0166 CFS requested for stock watering purposes sufficient to water 533 cattle and an allowed period of use from January 1 through December 31.

The point of diversion is located within the SE¼SE¼ of Section 36, Township 21N, Range 34E, MDM. The proposed place of use encompasses the Dixie Valley Grazing Allotment and is more specifically listed in the following table.

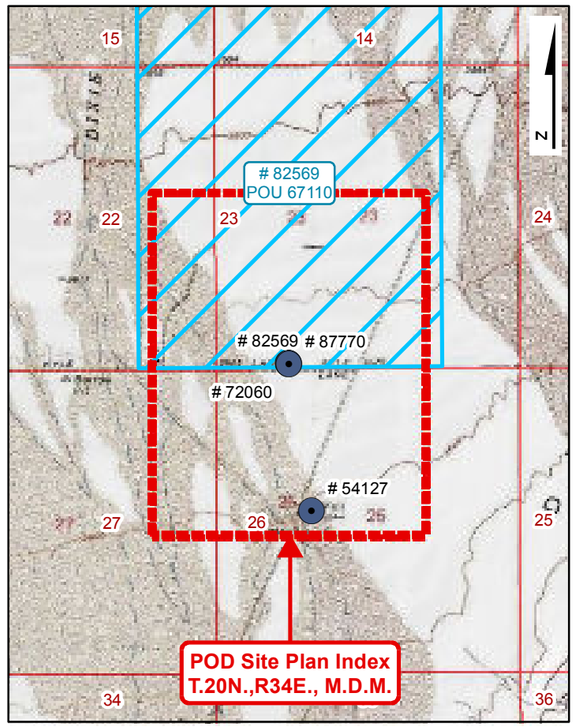
NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

Section(s) *Portion	Township	Range
14*, 15*, 21*, 22, 23*, 24*, 25*, 26, 27, 28*, 29*, 32*, 33, 34, 35, 36*	23N	34E
24*, 25*, 35*, 36*	22N	33E
1,2,3,4*, 8*, 9*, 10, 11, 12, 13, 14, 15, 16, 17*, 18*, 19*, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36	22N	34E
6*, 7*, 18*, 19*, 20*, 29, 30, 31, 32	22N	35E
1, 2*, 10*, 11*, 12, 13, 14*, 23*, 24, 25, 26*, 35*, 36*	21N	33E
1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11 , 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31*, 32*, 33, 34, 35, 36	21N	34E
5, 6, 7, 8, 17, 18, 19, 20, 30, 31	21N	35E
36*	20N	33½E
1, 2, 3, 4, 5*, 6*, 7*, 8, 9, 10, 11 , 12, 13, 14, 15, 16, 17, 18*, 19*, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30*, 31*, 32, 33, 34, 35, 36	20N	34E
2*, 3, 4, 5, 6, 7, 8, 9, 10, 11*, 12*, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36	20N	35E
7*, 16*, 17*, 18*, 19, 20, 21*, 28*, 29, 30, 31, 32, 33*	20N	36E
1*, 12*, 13*	19N	33½E
1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11 , 12, 13, 14, 15, 16, 17, 18*, 20*, 21*, 22, 23, 24, 25, 26, 27*, 28*, 29, 30, 31, 32, 33, 34*, 35, 36	19N	34E
1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11 , 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36	19N	35E
3*, 4*, 5, 6, 7, 8, 9, 10*, 14*, 15*, 16, 17, 18, 19, 20, 21, 22, 23*, 26*, 27, 28, 29, 30, 31, 32, 33, 34, 35*, 36*	19N	36E
1, 2, 3, 4*, 9*, 10, 11, 12, 13, 14, 15, 16*, 21*, 22, 23, 24, 25, 26, 27, 28*, 33*, 34, 35, 36	18N	34E
1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11 , 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36	18N	35E
1*, 2*, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12*, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36	18N	36E
7*, 18*, 19*, 20*, 29*, 30*, 31*	18N	37E
1, 2, 3, 4*, 9*, 10, 11, 12, 13, 14, 15*, 16*, 22*, 23, 24, 25, 26, 27*, 28*, 33*, 34, 35, 36	17N	34E
1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 23, 24, 25, 26, 27, 6, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 3, 32, 33, 34*, 35*, 36*	17N	35E
1*, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11*, 12*, 14*, 15*, 16, 17, 18, 19, 20, 21*, 22*, 28*, 29*, 30, 31*, 32*	17N	36E
6*	17N	37E
1*, 2*, 3*, 4*, 5*	16N	34E
3*, 4*, 5*, 6*	16N	35E

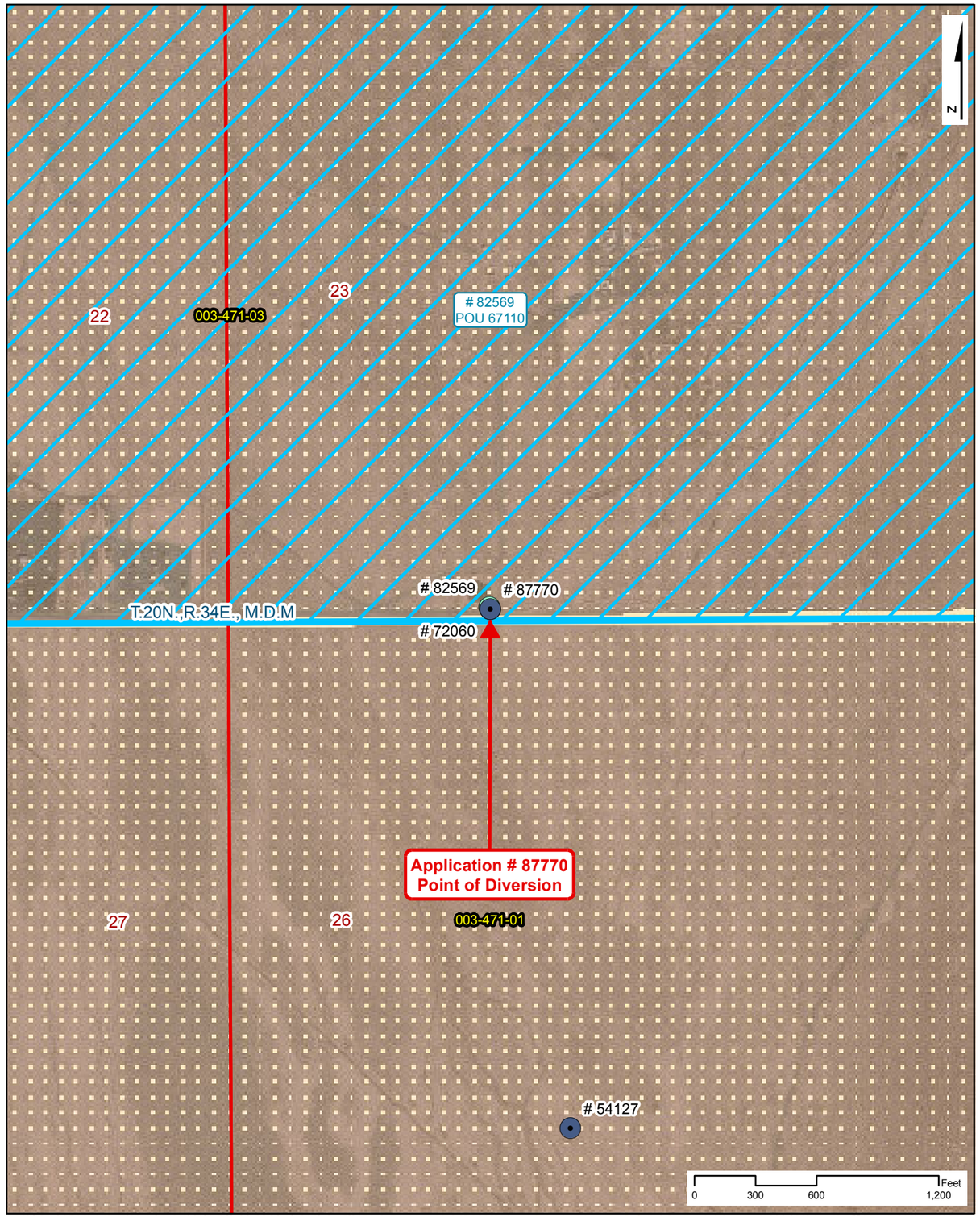
Application 87770 has gone through the noticing period and has been in RFA status since June 29, 2018.



Township and Range Index
Scale: 1" = 20 Miles



USGS Quadmap Site Plan Index
Scale: 1" = 1/2 Mile



Point of Diversion Site Plan
Scale: 1" = 600'

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631

WATER RIGHTS RESEARCH INVENTORY SERVICES

Application: 87770

BASIN: Dixie Valley (128) — **COUNTY: Churchill**
LATITUDE: 39.577637 — **LONGITUDE: -118.127499**
POINT OF DIVERSION: SW1/4,SW1/4, Section 23, T.20N.,R34E., M.D.M.
PLACE OF USE (DWR Polygon ID): N/A
PERMIT LAND CATEGORY: Existing Lands Privately Held

OWNERSHIP

Bench Creek Ranch Co., LLC

FILING DATE: 3/12/2018
RFA DATE: 5/18/2018
STATUS: Ready for Action

USE UNITS

533 Cattle

SOURCE DESCRIPTION: Underground
MANNER OF USE: Stock-Watering
DIVERSION RATE: 0.016 CFS
ALLOWED DUTY: 11.955 AFA
PERIOD OF USE: 01/01-12/31

GIS PARCEL DATA

A.P.N. 003-471-03, CHURCHILL COUNTY
UNITED STATES OF AMERICA

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
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- Proposed Lands
- Existing Lands

Township Range Index

- Township Range Grid
- Hydrographic Basins

Existing Navy Lands

- Withdrawan
- Non Federal
- Navy Owned

Proposed Navy Lands

- Proposed Withdrawal Expansion
- Non Federal

Point of Diversion Manner of Use

- As Decreed
- Commercial
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- Environmental
- Industrial
- Irrigation
- Mining & Milling
- Municipal
- Other
- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

R O Anderson

Application: 87770

Product of R.O. Anderson Engineering, Inc. -= Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_Application_Maps.mxd -= GIS Specilist: Eric Herron -= Publication Date: 10/5/2019 10:49:14 AM

87770

Application No. _____

APPLICATION FOR PERMIT TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

THIS SPACE FOR OFFICE USE ONLY

Date of Filing in State Engineer's Office MAR 12 2018

Returned to applicant for correction _____

Corrected Application filed _____ Map filed May 18, 1983 Under 29329

The applicant BENCH CREEK RANCH CO, LLC.

943 Edgecliff Drive (Street Address or P.O. Box) of Reno (City or Town)

NV 89523 (State and ZIP Code) _____ (E-mail Address)

hereby make(s) application for permission to appropriate the public waters of the State of Nevada, as hereinafter stated.

(If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.)

Bench Creek Ranch Co, LLC. is a Domestic Limited- Liability Company registered in Nevada since 2006.

RECEIVED
MAR 12 2018
DIVISION OF WATER RESOURCES

---

1. The source of water is Underground (Fort Apache Well)
   Name of the stream, lake, underground, spring or other sources.
2. The amount of water applied for is 0.01665625 c.f.s., not to exceed 11.955 AFA
   Give diversion rate in cubic feet per second (CFS) AND duty in acre-feet annually (AFA).
   (a) If stored in a reservoir give the number of acre-feet _____
3. The water is to be used for Stockwatering
   Irrigation, power, mining, commercial, domestic or other use. Must be limited to one major use.
4. If use is for:
   (a) Irrigation, state number of acres to be irrigated _____
   (b) Stockwater, state number and kind of animals 533 Cattle
   (c) Other use (describe fully in No. 12) _____
   (d) Power:
      (1) Horsepower developed _____
      (2) Point of return of water to stream _____

10-128 ch

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5. The water is to be diverted from its source at the following point: (Describe as being within a 40-acre subdivision of public survey, and by course and distance to a found section corner. If on unsurveyed land, it should be so stated.)

within the SW¼ SW¼ of Section 23, T.20N., R.34E., M.D.B.&M., or at a point from which the SW corner of said Section 23 bears S. 87° 14' 26" W., a distance of 1,296.54 feet. (Please see Certificate 10761 for Application No. 29329 and Map filed under 29329 [POD listed as "Well No 1" on Map]).

6. Place of use: (Describe by legal subdivision. If on unsurveyed land, it should be so stated)

The proposed place of use is the entire Dixie Valley Grazing Allotment. (Please See "Attachment A" accompanying this application, and the map filed under 87619.)

7. Use will begin about January 1st (Month and Day) and end about December 31st (Month and Day) of each year.

8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) (State manner in which water is to be diverted, i.e. diversion structure, ditches and flumes, drilled well with a pump and motor, etc.)

Well, Pump, and electrical, and a generator is already in place. No additional works are proposed at this time.

9. Estimated cost of works: $0.00

10. Estimated time required to construct works: N/A - Works complete
(If the well is complete, describe works.)

11. Estimated time required to complete the application of water to beneficial use: 2 Years

12. Provide a detailed description of the proposed project and its water usage (use attachments if necessary): (Failure to provide a detailed description may cause a delay in processing.)

Please See "Attachment B".

13. Miscellaneous remarks:

Please See "Attachment B".

chris@stankaconsulting.com
E-mail Address

(775) 885-9283
Phone No. Ext.

APPLICATION MUST BE SIGNED BY THE APPLICANT OR AGENT

Christopher G. Moltz, P.E., W.R.S.
Type or print name clearly

Signature, applicant or agent

Stanka Consulting, LTD
Company Name

3032 Silver Sage Dr., STE 101
Street Address or PO Box

Carson City, NV 89701
City, State, ZIP Code

Revised 06/17 $360 FILING FEE AND SUPPORTING MAP MUST ACCOMPANY APPLICATION

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Attachment A

PROPOSED PLACE OF USE

DIXIE VALLEY GRAZING ALLOTMENT

T. 23 N., R. 34 E. –	*SECTIONS 14 (POR), 15 (POR), 21 (POR), 22, 23 (POR), 24 (POR), 25 (POR), 26, 27, 28 (POR), 29 (POR), 32 (POR), 33, 34, 35, 36 (POR)*
T. 22 N., R. 33 E. –	*SECTIONS 24 (POR), 25 (POR), 35 (POR), 36 (POR)*
T. 22 N., R. 34 E. –	*SECTIONS 1, 2, 3, 4 (POR), 8 (POR), 9 (POR), 10, 11, 12, 13, 14, 15, 16, 17 (POR), 18(POR), 19 (POR), 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36*
T. 22 N., R. 35 E. –	*SECTIONS 6 (POR), 7 (POR), 18 (POR), 19 (POR), 20 (POR), 29, 30, 31, 32*
T. 21 N., R. 33 E. –	*SECTIONS 1, 2 (POR), 10 (POR), 11 (POR), 12, 13, 14 (POR), 23 (POR), 24, 25, 26 (POR), 35 (POR), 36 (POR)*
T. 21 N., R. 34 E. –	*SECTIONS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31 (POR), 32 (POR), 33, 34, 35, 36*
T. 21 N., R. 35 E. –	*SECTIONS 5, 6, 7, 8, 17, 18, 19, 20, 30, 31*
T. 20 N., R. 33-½ E. –	*SECTION 36 (POR)*
T. 20 N., R. 34 E. –	*SECTIONS 1, 2, 3, 4, 5 (POR), 6 (POR), 7 (POR), 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18 (POR), 19 (POR), 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30 (POR), 31 (POR), 32, 33, 34, 35, 36*
T. 20 N., R. 35 E. –	*SECTIONS 2 (POR), 3, 4, 5, 6, 7, 8, 9, 10, 11 (POR), 12 (POR), 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36*
T. 20 N., R. 36 E. –	*SECTIONS 7 (POR), 16 (POR), 17 (POR), 18 (POR), 19, 20, 21 (POR), 28 (POR), 29, 30, 31, 32, 33 (POR)*
T. 19 N., R. 33-½ E. –	*SECTIONS 1 (POR), 12 (POR), 13 (POR)*
T. 19 N., R. 34 E. –	*SECTIONS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18 (POR), 20 (POR), 21 (POR), 22, 23, 24, 25, 26, 27 (POR), 28 (POR), 34 (POR), 35, 36*
T. 19 N., R. 35 E. –	*SECTIONS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36*
T. 19 N., R. 36 E. –	*SECTIONS 3 (POR), 4 (POR), 5, 6, 7, 8, 9, 10 (POR), 14 (POR), 15 (POR), 16, 17, 18, 19, 20, 21, 22, 23 (POR), 26 (POR), 27, 28, 29, 30, 31, 32, 33, 34, 35 (POR), 36 (POR)*

T. 18 N., R. 34 E. –	*SECTIONS 1, 2, 3, 4 (POR), 9 (POR), 10, 11, 12, 13, 14, 15, 16 (POR), 21 (POR), 22, 23, 24, 25, 26, 27, 28 (POR), 33 (POR), 34, 35, 36*
T. 18 N., R. 35 E. –	*SECTIONS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36*
T. 18 N., R. 36 E. –	*SECTIONS 1 (POR), 2 (POR), 3, 4, 5, 6, 7, 8, 9, 10, 11, 12 (POR), 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36*
T. 18 N., R. 37 E. –	*SECTIONS 7 (POR), 18 (POR), 19 (POR), 20 (POR), 29 (POR), 30 (POR), 31 (POR)*
T. 17 N., R. 34 E. –	*SECTIONS 1, 2, 3, 4 (POR), 9 (POR), 10, 11, 12, 13, 14, 15 (POR), 16 (POR), 22 (POR), 23, 24, 25, 26, 27 (POR), 28 (POR), 33 (POR), 34, 35, 36*
T. 17 N., R. 35 E. –	*SECTIONS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34 (POR), 35 (POR), 36 (POR),*
T. 17 N., R. 36 E. –	*SECTIONS 1 (POR), 2, 3, 4, 5, 6, 7, 8, 9, 10, 11 (POR), 12 (POR), 14 (POR), 15 (POR), 16, 17, 18, 19, 20, 21 (POR), 22 (POR), 28 (POR), 29 (POR), 30, 31 (POR), 32 (POR)*
T. 17 N., R. 37 E. –	*SECTION 6 (POR)*
T. 16 N., R. 34 E. –	*SECTIONS 1 (POR), 2 (POR), 3 (POR), 4 (POR), 5 (POR)*
T. 16 N., R. 35 E. –	*SECTIONS 3 (POR), 4 (POR), 5 (POR), 6 (POR)*

ALL TOWNSHIP AND RANGES ARE REFERENCED TO THE M.D.B.&M.

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Attachment B

12. Provide a detailed description of the proposed project and its water usage.

The well location is within the Dixie Valley Grazing Allotment, on Naval Land. This well was installed and drilled in 1968 under Application 29329 / Certificate 10761, and corresponding Well Log No. 14669.

This well will be used to supply water for stock within the Dixie Valley Grazing Allotment using an Existing on site Navy Generator. The well, electrical, and generator is locked and secured on Naval Land. The Bench Creek Ranch has an agreement with the Navy to use this well for stockwater use. Water will be placed into a water truck for delivery to any number of troughs within the Dixie Valley Grazing Allotment. For this reason the entire proposed POU is the entire Dixie Valley Grazing Allotment.

13. Miscellaneous remarks:

Bench Creek Ranch Co. LLC is the current holder of the BLM Dixie Valley Grazing Allotment (Allotment 03018). They are allowed 528 cattle year round, plus an additional 5 cattle from March 1st through March 31st. C.F.S. is based on the 533 maximum cattle allowed, and AFA is based on 528 cattle allowed year round plus the additional 5 cattle allowed from March 1st through March 31st.

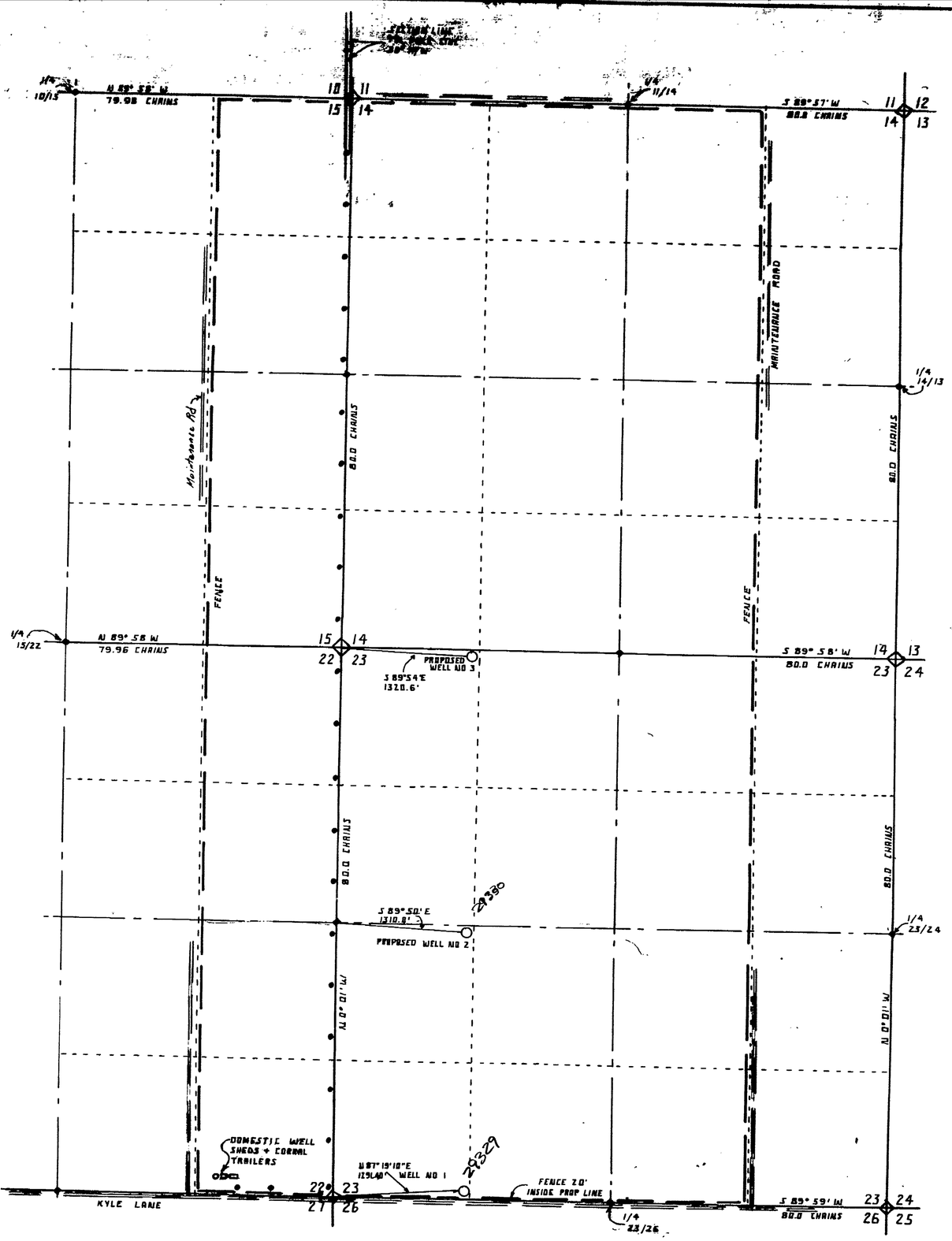
Calculation of AFA 528 Cattle Allowed 365 days of the year:

0.00003125 cfs/cow *528 cattle * 723.97 AFA /cfs = 11.945505 AFA

Calculation of 5 Additional Cattle Allowed 31 days of the year:

0.00003125 cfs/cow * 5 cattle *723.97 AFA /cfs * 31 days / 365 days = 0.009607479 AFA

Total AFA Applied For = 11.945505 AFA + 0.009607479 AFA = 11.955 AFA



T. 20 N. R. 34 E. M.D.B.+M.

STATE OF NEVADA }
COUNTY OF CHURCHILL } SS

I JOSEPH W. WHITTLE BEING FIRST DULY SWORN DEPOSE AND SAY THAT THIS MAP, CONSISTING OF ONE SHEET, HAS BEEN CORRECTLY DRAWN TO THE DESIGNATED SCALE FROM FIELD NOTES OF A SURVEY MADE BY ME ON THE 6th DAY OF SEPTEMBER 1974; THAT IT TRULY AND CORRECTLY REPRESENTS THE PROPOSED LOCATION AND EXTENT OF THE WORKS USED TO DIVERT WATER FROM UNDERGROUND SOURCES BY WELLS IN CHURCHILL COUNTY, NEVADA, BY PRESTON KYLE FOR IRRIGATION USE.

PRESTON KYLE 201 KYLE LN DIXIE VALLEY
APPLICANT

THAT THE PROPOSED POINT OF DIVERSION THE APPROXIMATE LOCATION AND SIZE OF DIVERTING CHANNEL, ALL RESERVOIRS OR BASINS, THE LOCATION AND NAMES OF ALL OTHER WORKS, WHICH WILL CROSS OR CONNECT WITH THE PROPOSED WORKS AND THE BOUNDARY OF ALL LANDS, SHOWING BY 40 ACRE SUBDIVISION THE AREAS PROPOSED TO BE IRRIGATED ARE FULLY AND CORRECTLY DESIGNATED THEREON.

J. W. WHITTLE/ ST. WTR. RT. SUR. NO. 388

SUBSCRIBED AND SWORN TO BEFORE ME THIS 19th DAY OF March 1975.
NOTARY PUBLIC IN AND FOR CHURCHILL COUNTY NEVADA

M. Joyce Eddy
NOTARY PUBLIC

N

— SCALE —
1" = 600 FT.

— SCALE —
1" = 600 FT.
0 600 1200 1800

FILED
APR 3 1975
STATE ENGINEER'S OFFICE

OFFICE
STATE ENGINEER

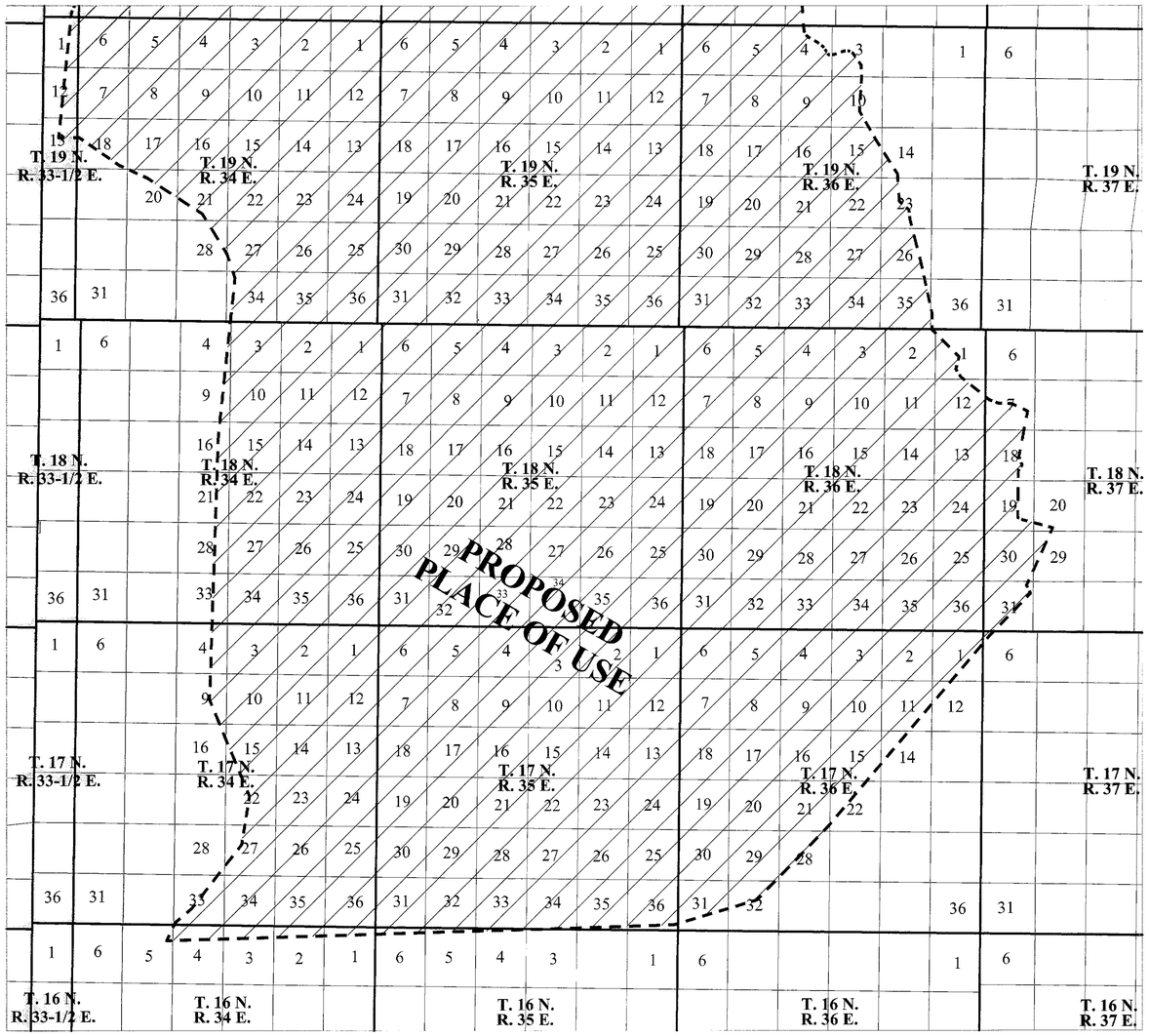
2929
2930

TO ACCOMPANY APPLICATION TO APPROPRIATE WATER FOR IRRIGATION USE
BY

PRESTON KYLE

FROM UNDERGROUND WATER
CHURCHILL COUNTY NEVADA
MARCH 1975 J.W. WHITTLE ST. WTR. RT. SUR. NO. 388

29330 29329



PORTIONS OF TOWNSHIP 19 NORTH, RANGE 33-1/2, 34, 35, 36, AND 37 EAST, M.D.B.&M.;
PORTIONS OF TOWNSHIP 18 NORTH, RANGE 33-1/2, 34, 35, 36, AND 37 EAST, M.D.B.&M.;
PORTIONS OF TOWNSHIP 17 NORTH, RANGE 33-1/2, 34, 35, 36, AND 37 EAST, M.D.B.&M.;
PORTIONS OF TOWNSHIP 16 NORTH, RANGE 33-1/2, 34, 35, 36, AND 37 EAST, M.D.B.&M.

LEGEND

SECTION LINE

TOWNSHIP / RANGE LINE

PROPOSED PLACE OF USE

SCALE

8,000 0 4,000 8,000 16,000 32,000 FEET

1 inch = 8,000 feet

N

UNDERGROUND SOURCE (CHALK MTN. WELL)

PROPOSED PLACE OF USE (PART 2 OF 2)

DIXIE VALLEY GRAZING ALLOTMENT

PROPOSED PLACE OF USE CONTINUED FROM SHEET 1 OF 2.

- *T. 19 N., R. 33-½ E. - SECTIONS 1 (POR), 12 (POR), 13 (POR)*
- *T. 19 N., R. 34 E. - SECTIONS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18 (POR), 20 (POR), 21 (POR), 22, 23, 24, 25, 26, 27 (POR), 28 (POR), 34 (POR), 35, 36*
- *T. 19 N., R. 35 E. - SECTIONS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36*
- *T. 19 N., R. 36 E. - SECTIONS 3 (POR), 4 (POR), 5, 6, 7, 8, 9, 10 (POR), 14 (POR), 15 (POR), 16, 17, 18, 19, 20, 21, 22, 23 (POR), 26 (POR), 27, 28, 29, 30, 31, 32, 33, 34, 35 (POR), 36 (POR)*
- *T. 18 N., R. 34 E. - SECTIONS 1, 2, 3, 4 (POR), 9 (POR), 10, 11, 12, 13, 14, 15, 16 (POR), 21 (POR), 22, 23, 24, 25, 26, 27, 28 (POR), 33 (POR), 34, 35, 36*
- *T. 18 N., R. 35 E. - SECTIONS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36*
- *T. 18 N., R. 36 E. - SECTIONS 1 (POR), 2 (POR), 3, 4, 5, 6, 7, 8, 9, 10, 11, 12 (POR), 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36*
- *T. 18 N., R. 37 E. - SECTIONS 7 (POR), 18 (POR), 19 (POR), 20 (POR), 29 (POR), 30 (POR), 31 (POR)*
- *T. 17 N., R. 34 E. - SECTIONS 1, 2, 3, 4 (POR), 9 (POR), 10, 11, 12, 13, 14, 15 (POR), 16 (POR), 22 (POR), 23, 24, 25, 26, 27 (POR), 28 (POR), 33 (POR), 34, 35, 36*
- *T. 17 N., R. 35 E. - SECTIONS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34 (POR), 35 (POR), 36 (POR),*
- *T. 17 N., R. 36 E. - SECTIONS 1 (POR), 2, 3, 4, 5, 6, 7, 8, 9, 10, 11 (POR), 12 (POR), 14 (POR), 15 (POR), 16, 17, 18, 19, 20, 21 (POR), 22 (POR), 28 (POR), 29 (POR), 30, 31 (POR), 32 (POR)*
- *T. 17 N., R. 37 E. - SECTION 6 (POR)*
- *T. 16 N., R. 34 E. - SECTIONS 1 (POR), 2 (POR), 3 (POR), 4 (POR), 5 (POR)*
- *T. 16 N., R. 35 E. - SECTIONS 3 (POR), 4 (POR), 5 (POR), 6 (POR)*

ALL TOWNSHIP AND RANGES ARE REFERENCED TO THE M.D.B.&M.

PROPOSED MANNER OF USE

STOCKWATER

Referenced Survey Documents for Distance and Bearings

Township	Range	Meridian	Document Type	Office	Date of Document
T. 16 N.	R. 33-1/2 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 16 N.	R. 34 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 16 N.	R. 35 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 16 N.	R. 36 E.	M.D.B.&M.	Protraction Plat	B.L.M.	5/16/1962
T. 16 N.	R. 37 E.	M.D.B.&M.	Protraction Plat	B.L.M.	5/16/1962
T. 17 N.	R. 33-1/2 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 17 N.	R. 34 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 17 N.	R. 35 E.	M.D.B.&M.	Survey Plat	US Surveyor General	7/31/1917
T. 17 N.	R. 36 E.	M.D.B.&M.	Survey Plat	US Surveyor General	1/15/1915
T. 17 N.	R. 37 E.	M.D.B.&M.	Protraction Plat	B.L.M.	5/16/1962
T. 18 N.	R. 33-1/2 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 18 N.	R. 34 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 18 N.	R. 35 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 18 N.	R. 36 E.	M.D.B.&M.	Protraction Plat	B.L.M.	5/16/1962
			Survey Plat	B.L.M.	3/14/1968
T. 18 N.	R. 37 E.	M.D.B.&M.	Survey Plat	US Surveyor General	1/15/1915
T. 19 N.	R. 33-1/2 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 19 N.	R. 34 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 19 N.	R. 35 E.	M.D.B.&M.	Survey Plat	US General Land Office	4/29/1940
T. 19 N.	R. 36 E.	M.D.B.&M.	Survey Plat	US General Land Office	6/29/1931
T. 19 N.	R. 37 E.	M.D.B.&M.	Dependent Resurvey	B.L.M.	6/25/1973
T. 20 N.	R. 33 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 20 N.	R. 33-1/2 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 20 N.	R. 34 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 20 N.	R. 35 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 20 N.	R. 36 E.	M.D.B.&M.	Survey Plat	US Surveyor General	8/29/1917
T. 21 N.	R. 33 E.	M.D.B.&M.	Survey Plat	US Surveyor General	11/20/1882
T. 21 N.	R. 34 E.	M.D.B.&M.	Survey Plat	US General Land Office	10/3/1930
T. 21 N.	R. 35 E.	M.D.B.&M.	Dependent Resurvey	B.L.M.	10/31/1973
T. 21 N.	R. 36 E.	M.D.B.&M.	Survey Plat	US Surveyor General	12/11/1882
T. 22 N.	R. 33 E.	M.D.B.&M.	Survey Plat	US Surveyor General	11/20/1882
T. 22 N.	R. 34 E.	M.D.B.&M.	Protraction Plat	B.L.M.	10/26/1964
T. 22 N.	R. 35 E.	M.D.B.&M.	Survey Plat	US Surveyor General	11/20/1882
T. 22 N.	R. 36 E.	M.D.B.&M.	Survey Plat	US Surveyor General	12/11/1882
T. 23 N.	R. 33 E.	M.D.B.&M.	Survey Plat	US Surveyor General	11/20/1882
T. 23 N.	R. 34 E.	M.D.B.&M.	Survey Plat	US General Land Office	4/1/1935
T. 23 N.	R. 35 E.	M.D.B.&M.	Survey Plat	US Surveyor General	11/20/1882
T. 23 N.	R. 36 E.	M.D.B.&M.	Survey Plat	US Surveyor General	12/11/1882

Stanka Consulting, LTD
A Professional Engineering Company

3032 Silver Sage Drive, Suite 101
Carson City NV 89701
(775) 885-9283
chris@stankaconsulting.com
www.stankaconsulting.com

Z:\7.91 BENCH CREEK RANCH\03 CHRIS

STATE ENGINEER'S USE

87619

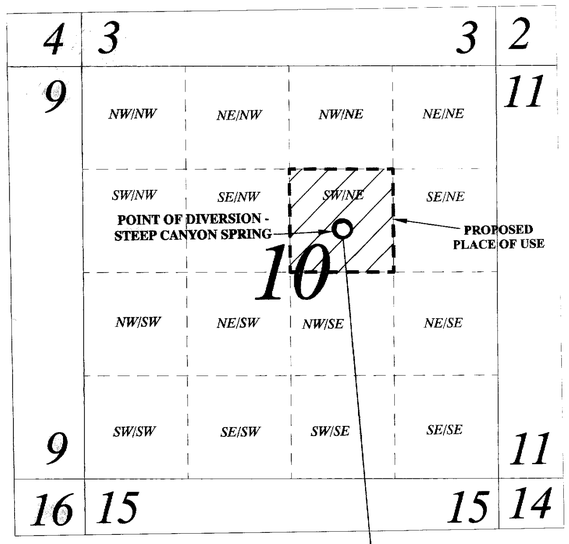
RECEIVED
JAN 29 2018
STATE ENGINEER'S OFFICE

FILED
JAN 29 2018
STATE ENGINEER'S OFFICE

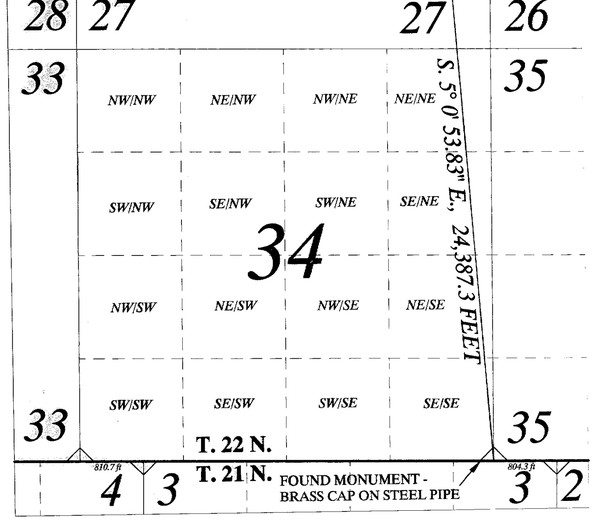
JANUARY 29, 2018 *Sheet 2 of 2*

MAP TO ACCOMPANY APPLICATION TO APPROPRIATE WATERS OF THE STATE OF NEVADA
FOR
STOCKWATER USE
BY
BENCH CREEK RANCH CO, LLC.
FROM
AN UNDERGROUND SOURCE (CHALK MTN. WELL)
IN
CHURCHILL COUNTY, NEVADA

87880 87771 87770 87761 87760 87676 87619



PORTIONS OF TOWNSHIP 22 NORTH, RANGE 34 EAST, M.D.B.&M.



PORTIONS OF TOWNSHIP 22 NORTH, RANGE 34 EAST, M.D.B.&M.

LEGEND

- TOWNSHIP-RANGE LINE
- QUARTER-QUARTER LINE
- SECTION LINE
- POINT OF DIVERSION
- FOUND CORNER MONUMENT
- PROPOSED PLACE OF USE

SCALE

1,000 0 500 1,000 2,000 4,000 FEET

1 inch = 1,000 feet

STATE OF NEVADA }
COUNTY OF CARSON CITY } ss

I, CHRISTOPHER G. MOLTZ, BEING FIRST DULY SWORN, DEPOSE AND SAY THAT THIS MAP, CONSISTING OF ONE SHEET HAS BEEN CORRECTLY DRAWN TO THE DESIGNATED SCALE, FROM FIELD NOTES OF A SURVEY MADE BY ME AND/OR UNDER MY SUPERVISION AND DIRECTION ON JANUARY 20, 2018, AND RELYING UPON ANALYSIS OF RECORDED SURVEY DOCUMENTS, AND OTHER DOCUMENTS LOCATED AT THE NEVADA DIVISION OF WATER RESOURCES, AND THE DEPARTMENT OF INTERIOR, BUREAU OF LAND MANAGEMENT; THAT THIS MAP TRULY AND CORRECTLY REPRESENTS THE PROPOSED POINT OF DIVERSION AND PROPOSED PLACE OF USE OF STEEP CANYON SPRING, LOCATED IN CHURCHILL COUNTY BY BENCH CREEK RANCH CO, LLC. FOR STOCKWATER PURPOSES, AND THE LOCATION AND NAMES OF ALL OTHER WORKS WHICH WILL CROSS OR CONNECT WITH THE PROPOSED WORKS, AND THE BOUNDARY OF ALL LANDS, SHOWING BY 40-ACRE SUBDIVISIONS THE AREAS PROPOSED TO BE SERVED, ARE FULLY AND CORRECTLY DESIGNATED THEREON.

CHRISTOPHER G. MOLTZ, P.E., SWRS # 1302

PROFESSIONAL ENGINEER, STATE OF NEVADA — CHRISTOPHER G. MOLTZ — Exp. 12/31/19 — CIVIL — No. 023133 — April 19, 2018

SUBSCRIBED AND SWORN TO BEFORE ME
THIS 19 DAY OF April, 2018.

NOTARY PUBLIC IN AND FOR Carson City COUNTY, NEVADA.
MY COMMISSION EXPIRES September 4, 2019

MARK T. JOHNSON — NOTARY PUBLIC — STATE OF NEVADA — Appt. Exp. Sept. 4, 2019

STEEP CANYON SPRING

PROPOSED POINT OF DIVERSION

WITHIN THE SW¼ NE¼ OF SECTION 10, T.22N., R.34E., M.D.B.&M., OR AT A POINT FROM WHICH THE SE CORNER OF SECTION 34, T.22N., R.34E., M.D.B.&M. BEARS S. 5º 0' 53.83" E., A DISTANCE OF 24,387.3 FEET.

PROPOSED PLACE OF USE

WITHIN THE SW¼ NE¼ OF SECTION 10, T.22N., R.34E., M.D.B.&M.

PROPOSED MANNER OF USE

STOCKWATER

N

BASIS OF BEARINGS

POSITIONS AND TIES ARE GPS DERIVED USING NAD 83 DATUM GPS ACCURACY +/- 3 to 5 METERS. SECTION LINE DISTANCE AND BEARINGS OBTAINED FROM A U.S. BUREAU OF LAND MANAGEMENT PROTRACTION PLAT DATED OCTOBER 26, 1964 FOR T. 22 N., R. 34 E., M.D.B. & M.

NOTE: ONLY SECTION LINES ARE SURVEYED FOR T. 22 N., R. 34 E., M.D.B. & M. APPROXIMATE QUARTER-QUARTER LINES DERIVED FROM EQUAL SUBDIVISION OF SURVEYED SECTIONS.

GPS COORDINATES [NAD 83]

SE CORNER OF SECTION 34, T. 22 N., R. 34 E., M.D.B.&M.	*N 39º 43' 25.42" W 118º 8' 13.74"*
PROPOSED POD - STEEP CANYON SPRING	*N 39º 47' 25.51" W 118º 8' 41.05"*

APRIL 18, 2018

Sheet 1 of 1

STATE ENGINEER'S USE

87883

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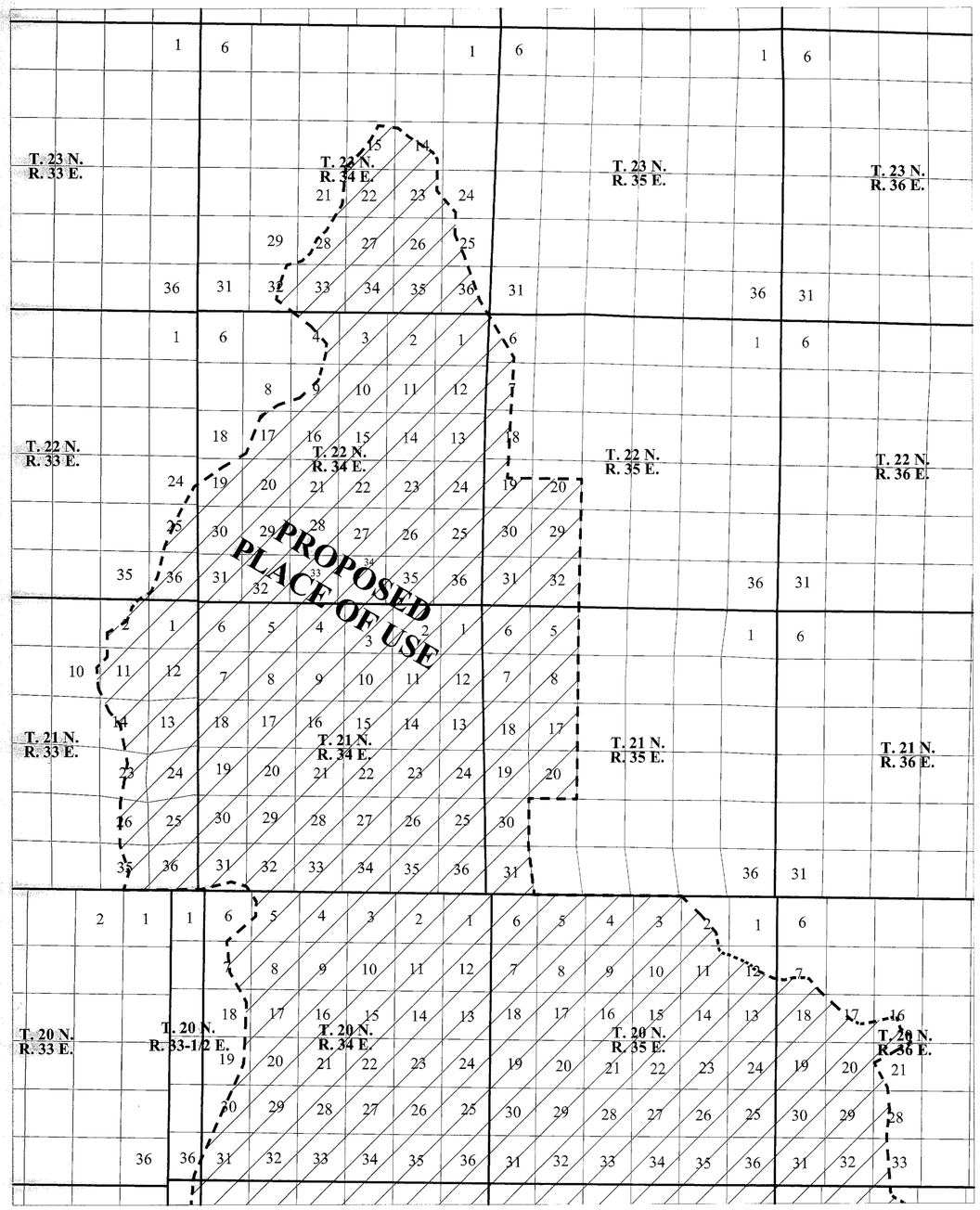
MAP TO ACCOMPANY APPLICATION TO APPROPRIATE WATERS OF THE STATE OF NEVADA
FOR
STOCKWATER USE
BY
BENCH CREEK RANCH CO, LLC.
FROM
STEEP CANYON SPRING
IN
CHURCHILL COUNTY, NEVADA

Stanka Consulting, LTD
A Professional Engineering Company

3108 Silver Sage Drive, Suite 102
Carson City NV 89701
(775) 885-9283
chris@stankaconsulting.com
www.stankaconsulting.com

Z/7.91 BENCH CREEK RANCH/03 CHRIS

87883



PORTIONS OF TOWNSHIP 20 NORTH, RANGE 33, 33-1/2, 34, 35, AND 36 EAST, M.D.B.&M.;
PORTIONS OF TOWNSHIP 21 NORTH, RANGE 33, 34, 35, AND 36 EAST, M.D.B.&M.;
PORTIONS OF TOWNSHIP 22 NORTH, RANGE 33, 34, 35, AND 36 EAST, M.D.B.&M.;
PORTIONS OF TOWNSHIP 23 NORTH, RANGE 33, 34, 35, AND 36 EAST, M.D.B.&M.

LEGEND

SECTION LINE

TOWNSHIP / RANGE LINE

PROPOSED PLACE OF USE

N

SCALE

8,000 0 4,000 8,000 16,000 32,000 FEET

1 inch = 8,000 feet

STATE OF NEVADA
COUNTY OF CARSON CITY } SS

I, CHRISTOPHER G. MOLTZ, BEING FIRST DULY SWORN, DEPOSE AND SAY THAT THIS MAP, CONSISTING OF TWO SHEETS HAS BEEN CORRECTLY DRAWN TO THE DESIGNATED SCALE, FROM FIELD NOTES OF A SURVEY MADE BY ME AND/OR UNDER MY SUPERVISION AND DIRECTION ON JANUARY 20, 2018, AND RELYING UPON ANALYSIS OF RECORDED SURVEY DOCUMENTS, AND OTHER DOCUMENTS LOCATED AT THE NEVADA DIVISION OF WATER RESOURCES AND THE DEPARTMENT OF INTERIOR, BUREAU OF LAND MANAGEMENT; THAT THIS MAP TRULY AND CORRECTLY REPRESENTS THE PROPOSED PLACE OF USE OF AN UNDERGROUND SOURCE (CHALK MTN. WELL), LOCATED IN CHURCHILL COUNTY BY THE BENCH CREEK RANCH CO, LLC. FOR STOCKWATER PURPOSES, AND THE BOUNDARY OF ALL LANDS, SHOWING BY 40-ACRE SUBDIVISIONS THE AREAS PROPOSED TO BE SERVED, ARE FULLY AND CORRECTLY DESIGNATED THEREON.

CHRISTOPHER G. MOLTZ, P.E., SWRS # 1302

PROFESSIONAL ENGINEER – STATE OF NEVADA – CHRISTOPHER G. MOLTZ – Exp. 12/31/19 – CIVIL – No. 023133

SUBSCRIBED AND SWORN TO BEFORE ME
THIS 29 DAY OF January, 2018.

NOTARY PUBLIC IN AND FOR Carson City COUNTY, NEVADA.
MY COMMISSION EXPIRES September 4, 2019

MARK T. JOHNSON – NOTARY PUBLIC – STATE OF NEVADA – No. 15-2952-3 – My Appt. Exp. Sept. 4, 2019

UNDERGROUND SOURCE (CHALK MTN. WELL)

PROPOSED POINT OF DIVERSION

WITHIN THE SW¼ SW¼ OF SECTION 36, T. 17 N., R. 34 E., M.D.B.&M., OR AT A POINT FROM WHICH THE SE CORNER OF SAID SECTION 36 BEARS S. 84º 40' 27" E, A DISTANCE OF 4,740.50 FEET. (PLEASE SEE MAP FILED UNDER 44344).

PROPOSED PLACE OF USE (PART 1 OF 2)

DIXIE VALLEY GRAZING ALLOTMENT

- *T. 23 N., R. 34 E. - SECTIONS 14 (POR), 15 (POR), 21 (POR), 22, 23 (POR), 24 (POR), 25 (POR), 26, 27, 28 (POR), 29 (POR), 32 (POR), 33, 34, 35, 36 (POR)*
- *T. 22 N., R. 33 E. - SECTIONS 24 (POR), 25 (POR), 35 (POR), 36 (POR)*
- *T. 22 N., R. 34 E. - SECTIONS 1, 2, 3, 4 (POR), 8 (POR), 9 (POR), 10, 11, 12, 13, 14, 15, 16, 17 (POR), 18(POR), 19 (POR), 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36*
- *T. 22 N., R. 35 E. - SECTIONS 6 (POR), 7 (POR), 18 (POR), 19 (POR), 20 (POR), 29, 30, 31, 32*
- *T. 21 N., R. 33 E. - SECTIONS 1, 2 (POR), 10 (POR), 11 (POR), 12, 13, 14 (POR), 23 (POR), 24, 25, 26 (POR), 35 (POR), 36 (POR)*
- *T. 21 N., R. 34 E. - SECTIONS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31 (POR), 32 (POR), 33, 34, 35, 36*
- *T. 21 N., R. 35 E. - SECTIONS 5, 6, 7, 8, 17, 18, 19, 20, 30, 31*
- *T. 20 N., R. 33-½ E. - SECTION 36 (POR)*
- *T. 20 N., R. 34 E. - SECTIONS 1, 2, 3, 4, 5 (POR), 6 (POR), 7 (POR), 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18 (POR), 19 (POR), 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30 (POR), 31 (POR), 32, 33, 34, 35, 36*
- *T. 20 N., R. 35 E. - SECTIONS 2 (POR), 3, 4, 5, 6, 7, 8, 9, 10, 11 (POR), 12 (POR), 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36*
- *T. 20 N., R. 36 E. - SECTIONS 7 (POR), 16 (POR), 17 (POR), 18 (POR), 19, 20, 21 (POR), 28 (POR), 29, 30, 31, 32, 33 (POR)*

...

PROPOSED PLACE OF USE CONTINUED ON SHEET 2 OF 2.

ALL TOWNSHIP AND RANGES ARE REFERENCED TO THE M.D.B.&M.

JANUARY 29, 2018 *Sheet 1 of 2*

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STATE ENGINEER'S USE 87619

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JAN 29 2018
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MAP TO ACCOMPANY APPLICATION TO APPROPRIATE WATERS OF THE STATE OF NEVADA
FOR
STOCKWATER USE
BY
BENCH CREEK RANCH CO, LLC.
FROM
AN UNDERGROUND SOURCE (CHALK MTN. WELL)
IN
CHURCHILL COUNTY, NEVADA

Stanka Consulting, LTD
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3032 Silver Sage Drive, Suite 101
Carson City NV 89701
(775) 885-9283
chris@stankaconsulting.com
www.stankaconsulting.com

Z/7.91 BENCH CREEK RANCH/03 CHRIS

87880 87771 87770 87761 87760 87676 87619

State of Nevada
Division of Water Resources

Site Search

Permit Information

New Search

App/Permit: 87770
Status: READY FOR ACTION
Certificate: None

General | Maps & Due Dates | Place of Use | Abrogations/Protests/Rulings | Ownership and Title

Current Ownership Information

(NOTE: Owner names shown here are standardized for retreival purposes only. Verify legal names before submitting any new documentation.)

Owner	Type	Div Rate	Duty	Acres	Change By	APN	County	Description
BENCH CREEK RANCH CO, LLC	B	0	0	0				

Confirmed By:
Effective Date:

Original Owners

Owner
BENCH CREEK RANCH CO, LLC

Remarks

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

Application 87880

BASIN: Dixie Valley (128) **COUNTY:** Churchill

LATITUDE: 39.638117 **LONGITUDE:** -118.10078

OWNERSHIP:	Bench Creek Ranch Co., LLC
PRIORITY DATE:	April 24, 2018
SOURCE DESCRIPTION:	Underground – Dixie Farm Well
POINT OF DIVERSION:	SE¼SE¼ Section 36, T.21N., R.34E., M.D.M.
MANNER OF USE:	Stockwatering
USE UNITS:	533 Cattle
PLACE OF USE:	Dixie Valley Grazing Allotment
DIVERSION RATE:	0.0166
ALLOWED DUTY:	11.95
PERIOD OF USE:	01/01 – 12/31
STATUS:	RFA
RFA DATE:	06/29/2018

REMARKS:

POD PARCEL:	Churchill County APN No. 003-831-15
POD PARCEL OWNER:	Bureau of Land Management
POU PARCEL:	Churchill County APN Multiple
POU PARCEL OWNER:	Multiple

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

Application 87880

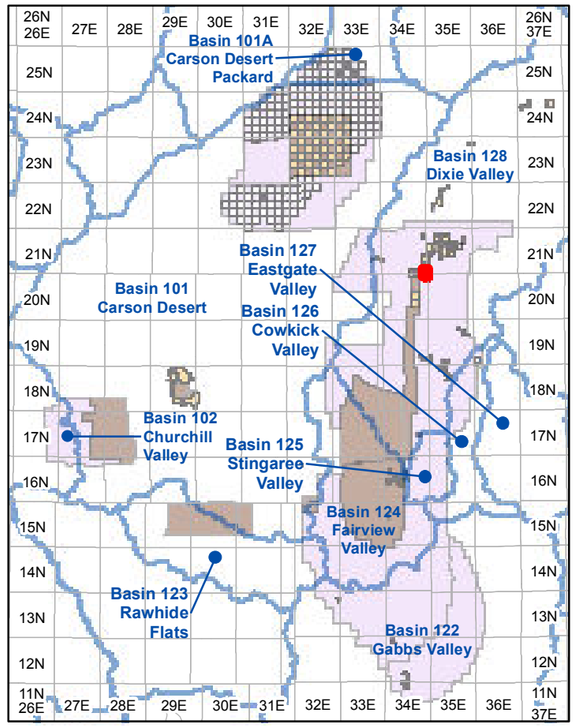
The current owner of Application 87880 is Bench Creek Ranch Co., LLC. The application was submitted to the State Engineer on April 24, 2018 with an allowed diversion rate of 0.0166 CFS requested for stock-watering purposes sufficient to water 533 cattle and an allowed period of use from January 1 through December 31.

The point of diversion is located within the SE¼SE¼ of Section 36, Township 21N, Range 34E, MDM. The proposed place of use encompasses the Dixie Valley Grazing Allotment and is the same as listed for Application 87770.

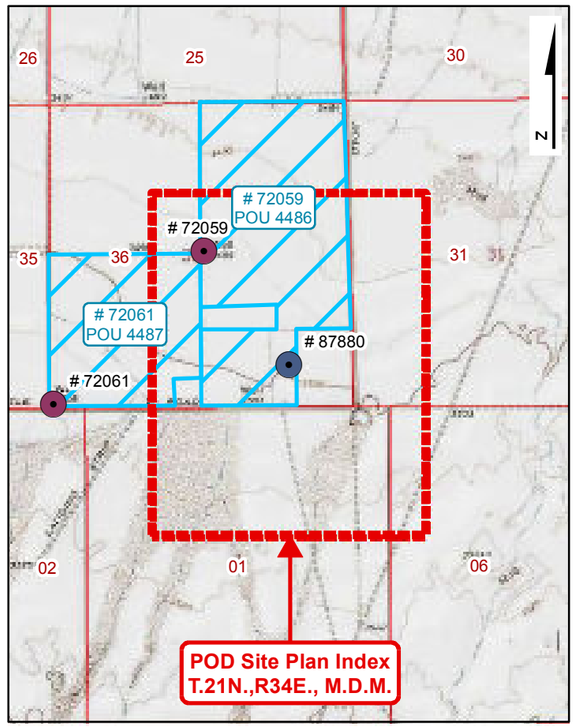
NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

Section(s) *Portion	Township	Range
14*, 15*, 21*, 22, 23*, 24*, 25*, 26, 27, 28*, 29*, 32*, 33, 34, 35, 36*	23N	34E
24*, 25*, 35*, 36*	22N	33E
1,2,3,4*, 8*, 9*, 10, 11, 12, 13, 14, 15, 16, 17*, 18*, 19*, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36	22N	34E
6*, 7*, 18*, 19*, 20*, 29, 30, 31, 32	22N	35E
1, 2*, 10*, 11*, 12, 13, 14*, 23*, 24, 25, 26*, 35*, 36*	21N	33E
1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11 , 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31*, 32*, 33, 34, 35, 36	21N	34E
5, 6, 7, 8, 17, 18, 19, 20, 30, 31	21N	35E
36*	20N	33½E
1, 2, 3, 4, 5*, 6*, 7*, 8, 9, 10, 11 , 12, 13, 14, 15, 16, 17, 18*, 19*, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30*, 31*, 32, 33, 34, 35, 36	20N	34E
2*, 3, 4, 5, 6, 7, 8, 9, 10, 11*, 12*, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36	20N	35E
7*, 16*, 17*, 18*, 19, 20, 21*, 28*, 29, 30, 31, 32, 33*	20N	36E
1*, 12*, 13*	19N	33½E
1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11 , 12, 13, 14, 15, 16, 17, 18*, 20*, 21*, 22, 23, 24, 25, 26, 27*, 28*, 29, 30, 31, 32, 33, 34*, 35, 36	19N	34E
1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11 , 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36	19N	35E
3*, 4*, 5, 6, 7, 8, 9, 10*, 14*, 15*, 16, 17, 18, 19, 20, 21, 22, 23*, 26*, 27, 28, 29, 30, 31, 32, 33, 34, 35*, 36*	19N	36E
1, 2, 3, 4*, 9*, 10, 11, 12, 13, 14, 15, 16*, 21*, 22, 23, 24, 25, 26, 27, 28*, 33*, 34, 35, 36	18N	34E
1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11 , 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36	18N	35E
1*, 2*, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12*, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36	18N	36E
7*, 18*, 19*, 20*, 29*, 30*, 31*	18N	37E
1, 2, 3, 4*, 9*, 10, 11, 12, 13, 14, 15*, 16*, 22*, 23, 24, 25, 26, 27*, 28*, 33*, 34, 35, 36	17N	34E
1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 23, 24, 25, 26, 27, 6, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 3, 32, 33, 34*, 35*, 36*	17N	35E
1*, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11*, 12*, 14*, 15*, 16, 17, 18, 19, 20, 21*, 22*, 28*, 29*, 30, 31*, 32*	17N	36E
6*	17N	37E
1*, 2*, 3*, 4*, 5*	16N	34E
3*, 4*, 5*, 6*	16N	35E

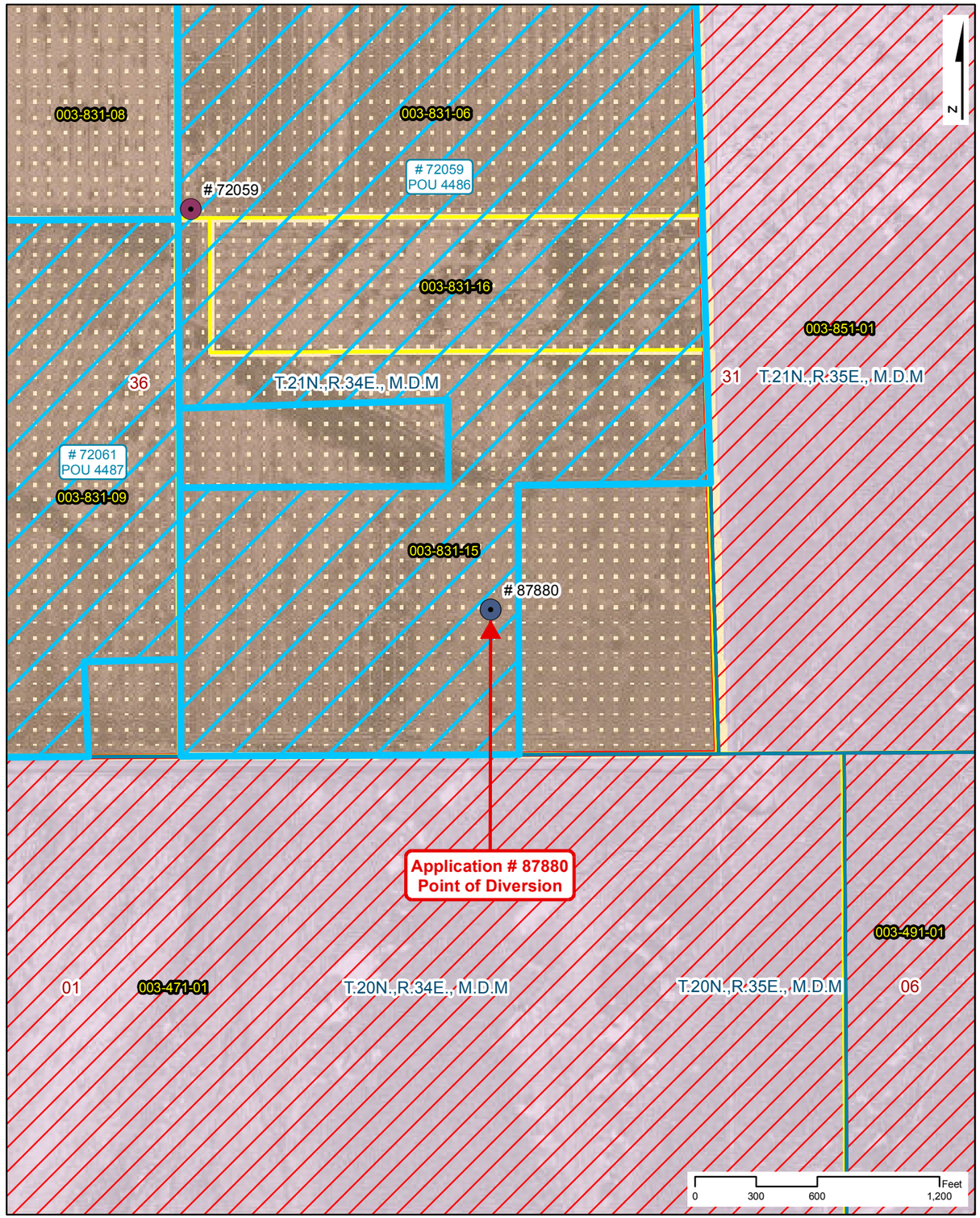
Application 87880 has gone through the noticing period and has been in RFA status since June 29, 2018.



Township and Range Index
Scale: 1" = 20 Miles



USGS Quadmap Site Plan Index
Scale: 1" = 1/2 Mile



Point of Diversion Site Plan
Scale: 1" = 600'

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH INVENTORY SERVICES

Application: 87880

BASIN: Dixie Valley (128) — **COUNTY: Churchill**
LATITUDE: 39.638117 — **LONGITUDE: -118.10078**
POINT OF DIVERSION: SE1/4,SE1/4, Section 36, T.21N.,R34E., M.D.M.
PLACE OF USE (DWR Polygon ID): N/A
PERMIT LAND CATEGORY: Existing Lands Privately Held

OWNERSHIP
Bench Creek Ranch Co., LLC

FILING DATE: 4/24/2018
RFA DATE: 6/29/2018
STATUS: Ready for Action

USE UNITS
533 Cattle

SOURCE DESCRIPTION: Underground
MANNER OF USE: Stock-Watering
DIVERSION RATE: 0.016 CFS
ALLOWED DUTY: 11.960 AFA
PERIOD OF USE: 01/01-12/31

GIS PARCEL DATA
A.P.N. 003-831-15, CHURCHILL COUNTY
UNITED STATES OF AMERICA

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index
- Township Range Grid
- Hydrographic Basins

Existing Navy Lands
- Withdrawan
- Non Federal
- Navy Owned

Proposed Navy Lands
- Proposed Withdrawal Expansion
- Non Federal

Point of Diversion Manner of Use
- As Decreed
- Commercial
- Domestic
- Environmental
- Industrial
- Irrigation
- Mining & Milling
- Municipal
- Other
- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

R|O Anderson

Application: 87880

Product of R.O. Anderson Engineering, Inc. -= Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_Application_Maps.mxd =- GIS Specilist: Eric Herron =- Publication Date: 10/5/2019 10:49:17 AM

Application No. 87880

APPLICATION FOR PERMIT TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

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THIS SPACE FOR OFFICE USE ONLY

Date of Filing in State Engineer's Office APR 24 2018

Returned to applicant for correction _____

Corrected Application filed _____ Map filed APR 24 2018

The applicant BENCH CREEK RANCH CO, LLC.

943 Edgecliff Drive (Street Address or P.O. Box) of Reno (City or Town)

NV 89523 (State and ZIP Code) _____ (E-mail Address)

hereby make(s) application for permission to appropriate the public waters of the State of Nevada, as hereinafter stated.

(If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.)

Bench Creek Ranch Co, LLC. is a Domestic Limited- Liability Company registered in Nevada since 2006.

---

1. The source of water is Underground (Dixie Farm Well)
   Name of the stream, lake, underground, spring or other sources.
2. The amount of water applied for is 0.01665625 c.f.s., not to exceed 11.955 AFA
   Give diversion rate in cubic feet per second (CFS) AND duty in acre-feet annually (AFA).
   (a) If stored in a reservoir give the number of acre-feet _____
3. The water is to be used for Stockwatering
   Irrigation, power, mining, commercial, domestic or other use. Must be limited to one major use.
4. If use is for:
   (a) Irrigation, state number of acres to be irrigated _____
   (b) Stockwater, state number and kind of animals 533 Cattle
   (c) Other use (describe fully in No. 12) _____
   (d) Power:
      (1) Horsepower developed _____
      (2) Point of return of water to stream _____

10-128
CS

87880

5. The water is to be diverted from its source at the following point: (Describe as being within a 40-acre subdivision of public survey, and by course and distance to a found section corner. If on unsurveyed land, it should be so stated.)

within Lot 4 (the SE¼ SE¼) of Section 36, T.21N., R.34E., M.D.B.&M., or at a point from which the SE corner of said Section 36 bears S. 57° 29' 31.81" E., a distance of 1,333.1 feet. (Please see map accompanying this application).

6. Place of use: (Describe by legal subdivision. If on unsurveyed land, it should be so stated)

The proposed place of use is the entire Dixie Valley Grazing Allotment. Please See "Attachment A" accompanying this application, and the map filed under 87619.

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7. Use will begin about January 1st (Month and Day) and end about December 31st (Month and Day) of each year.

8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) (State manner in which water is to be diverted, i.e. diversion structure, ditches and flumes, drilled well with a pump and motor, etc.)

Well is already in place; however, it is currently unserviceable. New submersible pump and electrical will be required. Water will be pumped into water trucks and delivered throughout the allotment.

9. Estimated cost of works: $10,000.00

10. Estimated time required to construct works: 2 Years
(If the well is complete, describe works.)

11. Estimated time required to complete the application of water to beneficial use: 3 Years

12. Provide a detailed description of the proposed project and its water usage (use attachments if necessary): (Failure to provide a detailed description may cause a delay in processing.)

Please See "Attachment B".

13. Miscellaneous remarks:

Please See "Attachment B".

chris@stankaconsulting.com
E-mail Address

(775) 885-9283
Phone No. Ext.

APPLICATION MUST BE SIGNED BY THE APPLICANT OR AGENT

Christopher G. Moltz, P.E., W.R.S.
Type or print name clearly

Signature, applicant or agent

Stanka Consulting, LTD
Company Name

3108 Silver Sage Dr., STE 102
Street Address or PO Box

Carson City, NV 89701
City, State, ZIP Code

Attachment A

PROPOSED PLACE OF USE

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DIXIE VALLEY GRAZING ALLOTMENT

T. 23 N., R. 34 E. –	*SECTIONS 14 (POR), 15 (POR), 21 (POR), 22, 23 (POR), 24 (POR), 25 (POR), 26, 27, 28 (POR), 29 (POR), 32 (POR), 33, 34, 35, 36 (POR)*
T. 22 N., R. 33 E. –	*SECTIONS 24 (POR), 25 (POR), 35 (POR), 36 (POR)*
T. 22 N., R. 34 E. –	*SECTIONS 1, 2, 3, 4 (POR), 8 (POR), 9 (POR), 10, 11, 12, 13, 14, 15, 16, 17 (POR), 18(POR), 19 (POR), 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36*
T. 22 N., R. 35 E. –	*SECTIONS 6 (POR), 7 (POR), 18 (POR), 19 (POR), 20 (POR), 29, 30, 31, 32*
T. 21 N., R. 33 E. –	*SECTIONS 1, 2 (POR), 10 (POR), 11 (POR), 12, 13, 14 (POR), 23 (POR), 24, 25, 26 (POR), 35 (POR), 36 (POR)*
T. 21 N., R. 34 E. –	*SECTIONS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31 (POR), 32 (POR), 33, 34, 35, 36*
T. 21 N., R. 35 E. –	*SECTIONS 5, 6, 7, 8, 17, 18, 19, 20, 30, 31*
T. 20 N., R. 33-½ E. –	*SECTION 36 (POR)*
T. 20 N., R. 34 E. –	*SECTIONS 1, 2, 3, 4, 5 (POR), 6 (POR), 7 (POR), 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18 (POR), 19 (POR), 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30 (POR), 31 (POR), 32, 33, 34, 35, 36*
T. 20 N., R. 35 E. –	*SECTIONS 2 (POR), 3, 4, 5, 6, 7, 8, 9, 10, 11 (POR), 12 (POR), 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36*
T. 20 N., R. 36 E. –	*SECTIONS 7 (POR), 16 (POR), 17 (POR), 18 (POR), 19, 20, 21 (POR), 28 (POR), 29, 30, 31, 32, 33 (POR)*
T. 19 N., R. 33-½ E. –	*SECTIONS 1 (POR), 12 (POR), 13 (POR)*
T. 19 N., R. 34 E. –	*SECTIONS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18 (POR), 20 (POR), 21 (POR), 22, 23, 24, 25, 26, 27 (POR), 28 (POR), 34 (POR), 35, 36*
T. 19 N., R. 35 E. –	*SECTIONS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36*
T. 19 N., R. 36 E. –	*SECTIONS 3 (POR), 4 (POR), 5, 6, 7, 8, 9, 10 (POR), 14 (POR), 15 (POR), 16, 17, 18, 19, 20, 21, 22, 23 (POR), 26 (POR), 27, 28, 29, 30, 31, 32, 33, 34, 35 (POR), 36 (POR)*

T. 18 N., R. 34 E. – *SECTIONS 1, 2, 3, 4 (POR), 9 (POR), 10, 11, 12, 13, 14, 15, 16 (POR), 21 (POR), 22, 23, 24, 25, 26, 27, 28 (POR), 33 (POR), 34, 35, 36*

T. 18 N., R. 35 E. – *SECTIONS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36*

T. 18 N., R. 36 E. – *SECTIONS 1 (POR), 2 (POR), 3, 4, 5, 6, 7, 8, 9, 10, 11, 12 (POR), 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36*

T. 18 N., R. 37 E. – *SECTIONS 7 (POR), 18 (POR), 19 (POR), 20 (POR), 29 (POR), 30 (POR), 31 (POR)*

T. 17 N., R. 34 E. – *SECTIONS 1, 2, 3, 4 (POR), 9 (POR), 10, 11, 12, 13, 14, 15 (POR), 16 (POR), 22 (POR), 23, 24, 25, 26, 27 (POR), 28 (POR), 33 (POR), 34, 35, 36*

T. 17 N., R. 35 E. – *SECTIONS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34 (POR), 35 (POR), 36 (POR),*

T. 17 N., R. 36 E. – *SECTIONS 1 (POR), 2, 3, 4, 5, 6, 7, 8, 9, 10, 11 (POR), 12 (POR), 14 (POR), 15 (POR), 16, 17, 18, 19, 20, 21 (POR), 22 (POR), 28 (POR), 29 (POR), 30, 31 (POR), 32 (POR)*

T. 17 N., R. 37 E. – *SECTION 6 (POR)*

T. 16 N., R. 34 E. – *SECTIONS 1 (POR), 2 (POR), 3 (POR), 4 (POR), 5 (POR)*

T. 16 N., R. 35 E. – *SECTIONS 3 (POR), 4 (POR), 5 (POR), 6 (POR)*

ALL TOWNSHIP AND RANGES ARE REFERENCED TO THE M.D.B.&M.

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Attachment B

12. Provide a detailed description of the proposed project and its water usage.

The well location is within the Dixie Valley Grazing Allotment, on Naval Land. This well was previously installed when the land was used for farming.

This well will be used to supply water for stock within the Dixie Valley Grazing Allotment using a mobile generator which will be brought in as needed for pumping. The Bench Creek Ranch has an agreement with the Navy which allows use of select wells and water sources for watering of stock. Water will be placed into a water truck for delivery to any number of troughs within the Dixie Valley Grazing Allotment. For this reason the entire proposed POU is the entire Dixie Valley Grazing Allotment.

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13. Miscellaneous remarks:

Bench Creek Ranch Co. LLC is the current holder of the BLM Dixie Valley Grazing Allotment (Allotment 03018). They are allowed 528 cattle year round, plus an additional 5 cattle from March 1st through March 31st. C.F.S. is based on the 533 maximum cattle allowed, and AFA is based on 528 cattle allowed year round plus the additional 5 cattle allowed from March 1st through March 31st.

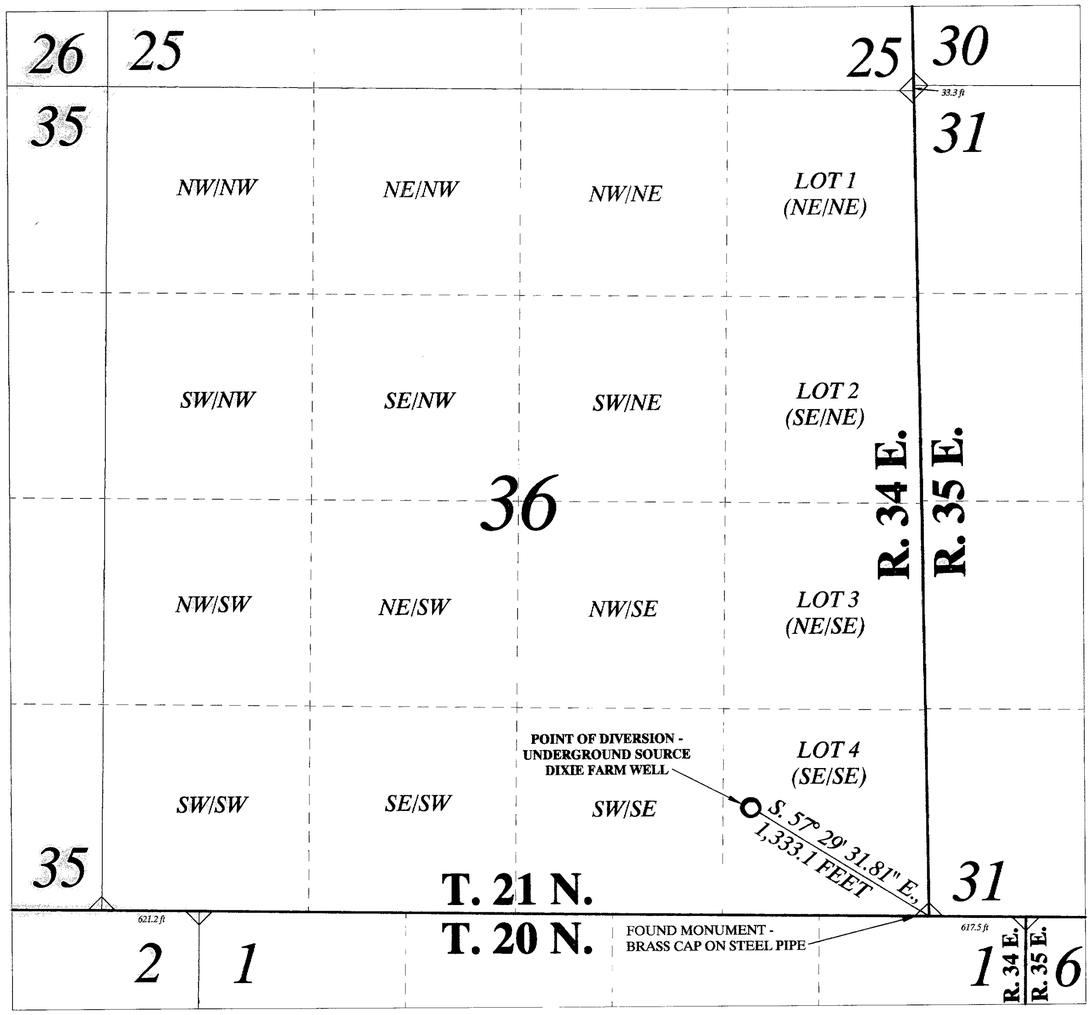
Calculation of AFA 528 Cattle Allowed 365 days of the year:

0.00003125 cfs/cow *528 cattle * 723.97 AFA /cfs = 11.945505 AFA

Calculation of 5 Additional Cattle Allowed 31 days of the year:

0.00003125 cfs/cow * 5 cattle *723.97 AFA /cfs * 31 days / 365 days = 0.009607479 AFA

Total AFA Applied For = 11.945505 AFA + 0.009607479 AFA = 11.955 AFA



PORTIONS OF TOWNSHIP 21 NORTH, RANGE 34 EAST, M.D.B.&M.

STATE OF NEVADA }
COUNTY OF CARSON CITY } ss

I, CHRISTOPHER G. MOLTZ, BEING FIRST DULY SWORN, DEPOSE AND SAY THAT THIS MAP, CONSISTING OF ONE SHEET HAS BEEN CORRECTLY DRAWN TO THE DESIGNATED SCALE, FROM FIELD NOTES OF A SURVEY MADE BY ME AND/OR UNDER MY SUPERVISION AND DIRECTION ON JANUARY 20, 2018, AND RELYING UPON ANALYSIS OF RECORDED SURVEY DOCUMENTS, AND OTHER DOCUMENTS LOCATED AT THE NEVADA DIVISION OF WATER RESOURCES, AND THE DEPARTMENT OF INTERIOR, BUREAU OF LAND MANAGEMENT; THAT THIS MAP TRULY AND CORRECTLY REPRESENTS THE PROPOSED POINT OF DIVERSION OF AN UNDERGROUND SOURCE (DIXIE FARM WELL), LOCATED IN CHURCHILL COUNTY BY BENCH CREEK RANCH CO, LLC. FOR STOCKWATER PURPOSES, AND THE LOCATION AND NAMES OF ALL OTHER WORKS WHICH WILL CROSS OR CONNECT WITH THE PROPOSED WORKS, AND THE BOUNDARY OF ALL LANDS, SHOWING BY 40-ACRE SUBDIVISIONS THE AREAS PROPOSED TO BE SERVED, ARE FULLY AND CORRECTLY DESIGNATED THEREON.

CHRISTOPHER G. MOLTZ, P.E., SWRS # 1302

PROFESSIONAL ENGINEER - STATE OF NEVADA — CHRISTOPHER G. MOLTZ — Exp. 12/31/19 — CIVIL — No. 023139

SUBSCRIBED AND SWORN TO BEFORE ME
THIS 19 *DAY OF* April, 2018.

NOTARY PUBLIC IN AND FOR Carson City *COUNTY, NEVADA.*
MY COMMISSION EXPIRES September 4, 2019

SHAWN T. JOHNSON — NOTARY PUBLIC — STATE OF NEVADA — No. 15-3963-3 — My Appt. Exp. Sept. 4, 2019

UNDERGROUND SOURCE (DIXIE FARM WELL)

PROPOSED POINT OF DIVERSION

WITHIN LOT 4 (THE SE¼ SE¼) OF SECTION 36, T.21N., R.34E., M.D.B.&M., OR AT A POINT FROM WHICH THE SE CORNER OF SAID SECTION 36 BEARS S. 57° 29' 31.81" E., A DISTANCE OF 1,333.1 FEET.

PROPOSED PLACE OF USE

DIXIE VALLEY GRAZING ALLOTMENT (PLEASE SEE "ATTACHMENT A" ACCOMPANYING THIS APPLICATION, AND MAP FILED UNDER 87619)

PROPOSED MANNER OF USE

STOCKWATER

SCALE
500 0 250 500 1,000 2,000 FEET
1 inch = 500 feet

N

BASIS OF BEARINGS

POSITIONS AND TIES ARE GPS DERIVED USING NAD 83 DATUM GPS ACCURACY +/- 3 to 5 METERS. SECTION LINE DISTANCE AND BEARINGS OBTAINED FROM A U.S. GENERAL LAND OFFICE SURVEY DATED OCTOBER 3, 1930 FOR T. 21 N., R. 34 E., M.D.B. & M.

LEGEND

- TOWNSHIP-RANGE LINE
- QUARTER-QUARTER LINE
- SECTION LINE
- FOUND SECTION CORNER MONUMENT
- PROPOSED POINT OF DIVERSION

GPS COORDINATES [NAD 83]

SE CORNER OF SECTION 36, T. 21 N., R. 34 E., M.D.B.&M.	*N 39° 38' 10.14" W 118° 5' 48.45"*
PROPOSED POD - DIXIE FARM WELL	*N 39° 38' 17.22" W 118° 6' 2.82"*

APRIL 18, 2018 *Sheet 1 of 1*

STATE ENGINEER'S USE

FILED
APR 24 2018
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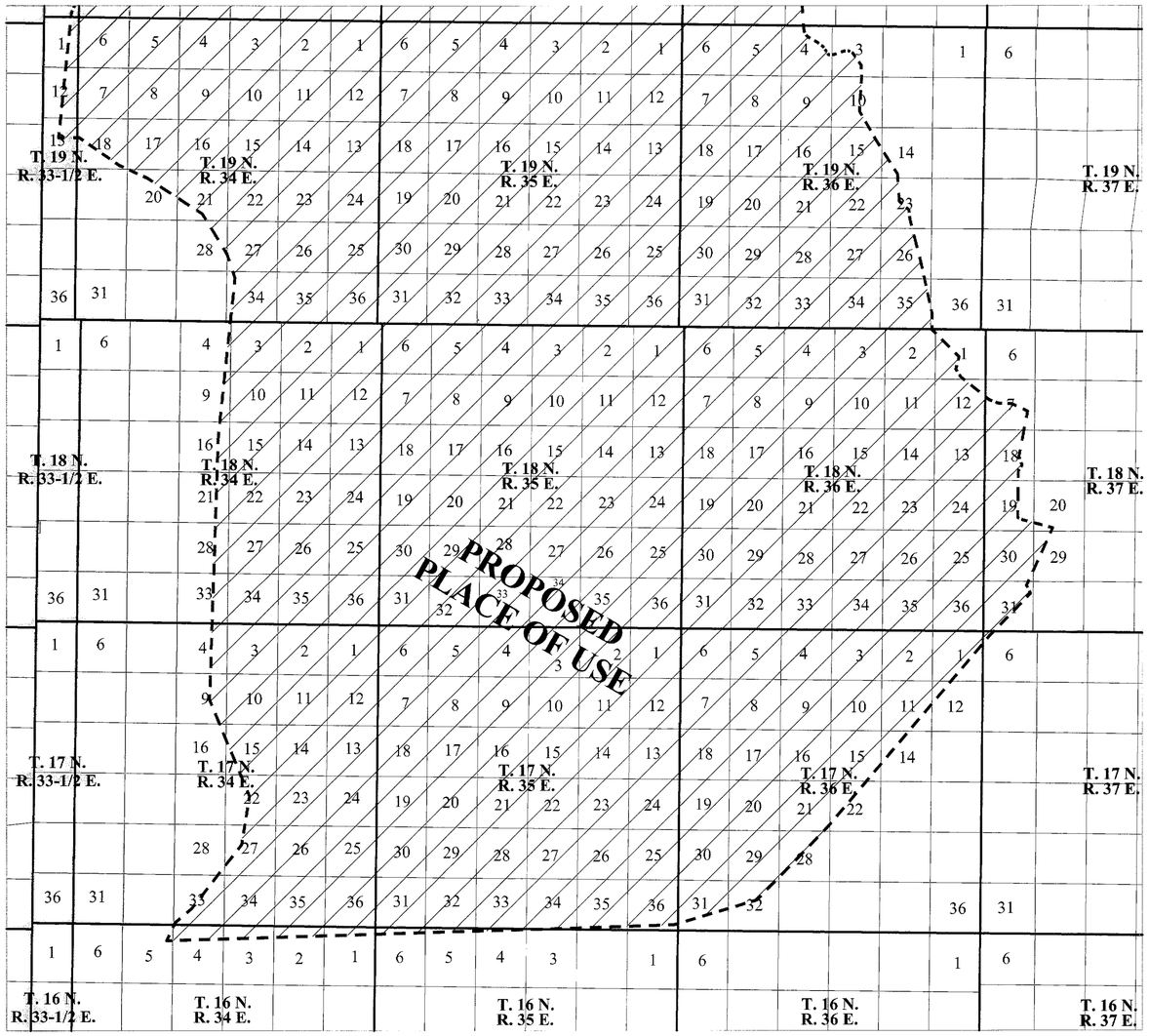
MAP TO ACCOMPANY APPLICATION TO APPROPRIATE WATERS OF THE STATE OF NEVADA
FOR
STOCKWATER USE
BY
BENCH CREEK RANCH CO, LLC.
FROM
AN UNDERGROUND SOURCE (DIXIE FARM WELL)
IN
CHURCHILL COUNTY, NEVADA

Stanka Consulting, LTD
A Professional Engineering Company

3108 Silver Sage Drive, Suite 102
Carson City NV 89701
(775) 885-9283
chris@stankaconsulting.com
www.stankaconsulting.com

Z/7.91 BENCH CREEK RANCH/03 CHRIS

87880



PORTIONS OF TOWNSHIP 19 NORTH, RANGE 33-1/2, 34, 35, 36, AND 37 EAST, M.D.B.&M.;
PORTIONS OF TOWNSHIP 18 NORTH, RANGE 33-1/2, 34, 35, 36, AND 37 EAST, M.D.B.&M.;
PORTIONS OF TOWNSHIP 17 NORTH, RANGE 33-1/2, 34, 35, 36, AND 37 EAST, M.D.B.&M.;
PORTIONS OF TOWNSHIP 16 NORTH, RANGE 33-1/2, 34, 35, 36, AND 37 EAST, M.D.B.&M.

LEGEND

SECTION LINE

TOWNSHIP / RANGE LINE

PROPOSED PLACE OF USE

SCALE

8,000 0 4,000 8,000 16,000 32,000 FEET

1 inch = 8,000 feet

N

UNDERGROUND SOURCE (CHALK MTN. WELL)

PROPOSED PLACE OF USE (PART 2 OF 2)

DIXIE VALLEY GRAZING ALLOTMENT

PROPOSED PLACE OF USE CONTINUED FROM SHEET 1 OF 2.

- *T. 19 N., R. 33-½ E. - SECTIONS 1 (POR), 12 (POR), 13 (POR)*
- *T. 19 N., R. 34 E. - SECTIONS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18 (POR), 20 (POR), 21 (POR), 22, 23, 24, 25, 26, 27 (POR), 28 (POR), 34 (POR), 35, 36*
- *T. 19 N., R. 35 E. - SECTIONS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36*
- *T. 19 N., R. 36 E. - SECTIONS 3 (POR), 4 (POR), 5, 6, 7, 8, 9, 10 (POR), 14 (POR), 15 (POR), 16, 17, 18, 19, 20, 21, 22, 23 (POR), 26 (POR), 27, 28, 29, 30, 31, 32, 33, 34, 35 (POR), 36 (POR)*
- *T. 18 N., R. 34 E. - SECTIONS 1, 2, 3, 4 (POR), 9 (POR), 10, 11, 12, 13, 14, 15, 16 (POR), 21 (POR), 22, 23, 24, 25, 26, 27, 28 (POR), 33 (POR), 34, 35, 36*
- *T. 18 N., R. 35 E. - SECTIONS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36*
- *T. 18 N., R. 36 E. - SECTIONS 1 (POR), 2 (POR), 3, 4, 5, 6, 7, 8, 9, 10, 11, 12 (POR), 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36*
- *T. 18 N., R. 37 E. - SECTIONS 7 (POR), 18 (POR), 19 (POR), 20 (POR), 29 (POR), 30 (POR), 31 (POR)*
- *T. 17 N., R. 34 E. - SECTIONS 1, 2, 3, 4 (POR), 9 (POR), 10, 11, 12, 13, 14, 15 (POR), 16 (POR), 22 (POR), 23, 24, 25, 26, 27 (POR), 28 (POR), 33 (POR), 34, 35, 36*
- *T. 17 N., R. 35 E. - SECTIONS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34 (POR), 35 (POR), 36 (POR),*
- *T. 17 N., R. 36 E. - SECTIONS 1 (POR), 2, 3, 4, 5, 6, 7, 8, 9, 10, 11 (POR), 12 (POR), 14 (POR), 15 (POR), 16, 17, 18, 19, 20, 21 (POR), 22 (POR), 28 (POR), 29 (POR), 30, 31 (POR), 32 (POR)*
- *T. 17 N., R. 37 E. - SECTION 6 (POR)*
- *T. 16 N., R. 34 E. - SECTIONS 1 (POR), 2 (POR), 3 (POR), 4 (POR), 5 (POR)*
- *T. 16 N., R. 35 E. - SECTIONS 3 (POR), 4 (POR), 5 (POR), 6 (POR)*

ALL TOWNSHIP AND RANGES ARE REFERENCED TO THE M.D.B.&M.

PROPOSED MANNER OF USE

STOCKWATER

Referenced Survey Documents for Distance and Bearings

Township	Range	Meridian	Document Type	Office	Date of Document
T. 16 N.	R. 33-1/2 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 16 N.	R. 34 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 16 N.	R. 35 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 16 N.	R. 36 E.	M.D.B.&M.	Protraction Plat	B.L.M.	5/16/1962
T. 16 N.	R. 37 E.	M.D.B.&M.	Protraction Plat	B.L.M.	5/16/1962
T. 17 N.	R. 33-1/2 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 17 N.	R. 34 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 17 N.	R. 35 E.	M.D.B.&M.	Survey Plat	US Surveyor General	7/31/1917
T. 17 N.	R. 36 E.	M.D.B.&M.	Survey Plat	US Surveyor General	1/15/1915
T. 17 N.	R. 37 E.	M.D.B.&M.	Protraction Plat	B.L.M.	5/16/1962
T. 18 N.	R. 33-1/2 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 18 N.	R. 34 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 18 N.	R. 35 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 18 N.	R. 36 E.	M.D.B.&M.	Protraction Plat	B.L.M.	5/16/1962
			Survey Plat	B.L.M.	3/14/1968
T. 18 N.	R. 37 E.	M.D.B.&M.	Survey Plat	US Surveyor General	1/15/1915
T. 19 N.	R. 33-1/2 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 19 N.	R. 34 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 19 N.	R. 35 E.	M.D.B.&M.	Survey Plat	US General Land Office	4/29/1940
T. 19 N.	R. 36 E.	M.D.B.&M.	Survey Plat	US General Land Office	6/29/1931
T. 19 N.	R. 37 E.	M.D.B.&M.	Dependent Resurvey	B.L.M.	6/25/1973
T. 20 N.	R. 33 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 20 N.	R. 33-1/2 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 20 N.	R. 34 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 20 N.	R. 35 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 20 N.	R. 36 E.	M.D.B.&M.	Survey Plat	US Surveyor General	8/29/1917
T. 21 N.	R. 33 E.	M.D.B.&M.	Survey Plat	US Surveyor General	11/20/1882
T. 21 N.	R. 34 E.	M.D.B.&M.	Survey Plat	US General Land Office	10/3/1930
T. 21 N.	R. 35 E.	M.D.B.&M.	Dependent Resurvey	B.L.M.	10/31/1973
T. 21 N.	R. 36 E.	M.D.B.&M.	Survey Plat	US Surveyor General	12/11/1882
T. 22 N.	R. 33 E.	M.D.B.&M.	Survey Plat	US Surveyor General	11/20/1882
T. 22 N.	R. 34 E.	M.D.B.&M.	Protraction Plat	B.L.M.	10/26/1964
T. 22 N.	R. 35 E.	M.D.B.&M.	Survey Plat	US Surveyor General	11/20/1882
T. 22 N.	R. 36 E.	M.D.B.&M.	Survey Plat	US Surveyor General	12/11/1882
T. 23 N.	R. 33 E.	M.D.B.&M.	Survey Plat	US Surveyor General	11/20/1882
T. 23 N.	R. 34 E.	M.D.B.&M.	Survey Plat	US General Land Office	4/1/1935
T. 23 N.	R. 35 E.	M.D.B.&M.	Survey Plat	US Surveyor General	11/20/1882
T. 23 N.	R. 36 E.	M.D.B.&M.	Survey Plat	US Surveyor General	12/11/1882

Stanka Consulting, LTD
A Professional Engineering Company

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Carson City NV 89701
(775) 885-9283
chris@stankaconsulting.com
www.stankaconsulting.com

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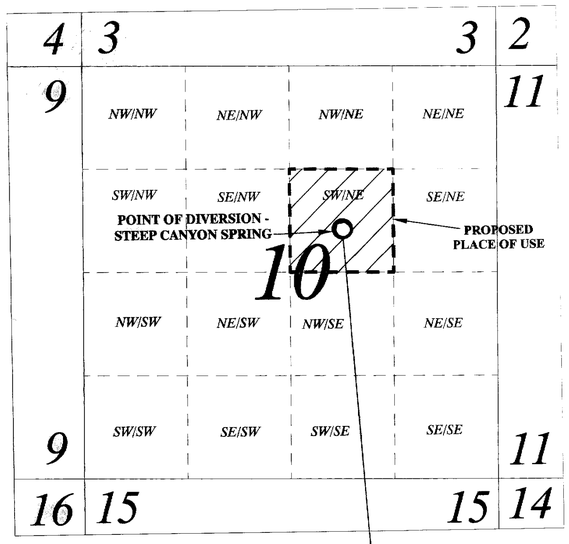
JAN 29 2018
STATE ENGINEER'S OFFICE

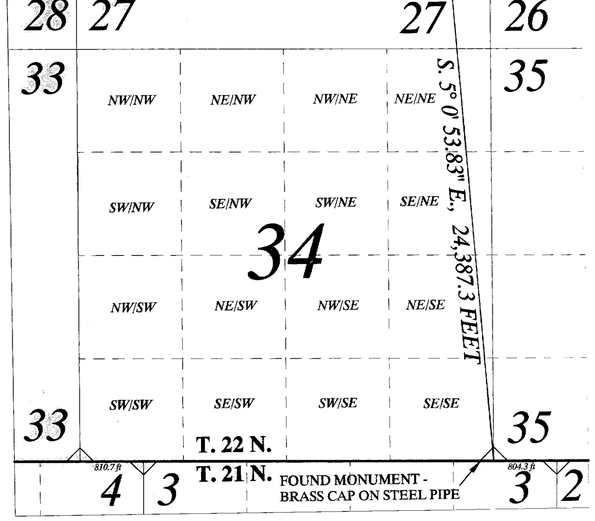
JANUARY 29, 2018 *Sheet 2 of 2*

MAP TO ACCOMPANY APPLICATION TO APPROPRIATE WATERS OF THE STATE OF NEVADA
FOR
STOCKWATER USE
BY
BENCH CREEK RANCH CO, LLC.
FROM
AN UNDERGROUND SOURCE (CHALK MTN. WELL)
IN
CHURCHILL COUNTY, NEVADA

87880 87771 87770 87761 87760 87676 87619



PORTIONS OF TOWNSHIP 22 NORTH, RANGE 34 EAST, M.D.B.&M.



PORTIONS OF TOWNSHIP 22 NORTH, RANGE 34 EAST, M.D.B.&M.

LEGEND

- TOWNSHIP-RANGE LINE
- QUARTER-QUARTER LINE
- SECTION LINE
- POINT OF DIVERSION
- FOUND CORNER MONUMENT
- PROPOSED PLACE OF USE

SCALE

1,000 0 500 1,000 2,000 4,000 FEET

1 inch = 1,000 feet

STATE OF NEVADA }
COUNTY OF CARSON CITY } ss

I, CHRISTOPHER G. MOLTZ, BEING FIRST DULY SWORN, DEPOSE AND SAY THAT THIS MAP, CONSISTING OF ONE SHEET HAS BEEN CORRECTLY DRAWN TO THE DESIGNATED SCALE, FROM FIELD NOTES OF A SURVEY MADE BY ME AND/OR UNDER MY SUPERVISION AND DIRECTION ON JANUARY 20, 2018, AND RELYING UPON ANALYSIS OF RECORDED SURVEY DOCUMENTS, AND OTHER DOCUMENTS LOCATED AT THE NEVADA DIVISION OF WATER RESOURCES, AND THE DEPARTMENT OF INTERIOR, BUREAU OF LAND MANAGEMENT; THAT THIS MAP TRULY AND CORRECTLY REPRESENTS THE PROPOSED POINT OF DIVERSION AND PROPOSED PLACE OF USE OF STEEP CANYON SPRING, LOCATED IN CHURCHILL COUNTY BY BENCH CREEK RANCH CO, LLC. FOR STOCKWATER PURPOSES, AND THE LOCATION AND NAMES OF ALL OTHER WORKS WHICH WILL CROSS OR CONNECT WITH THE PROPOSED WORKS, AND THE BOUNDARY OF ALL LANDS, SHOWING BY 40-ACRE SUBDIVISIONS THE AREAS PROPOSED TO BE SERVED, ARE FULLY AND CORRECTLY DESIGNATED THEREON.

CHRISTOPHER G. MOLTZ, P.E., SWRS # 1302

PROFESSIONAL ENGINEER, STATE OF NEVADA — CHRISTOPHER G. MOLTZ — Exp. 12/31/19 — CIVIL — No. 023133 — April 19, 2018

SUBSCRIBED AND SWORN TO BEFORE ME
THIS 19 DAY OF April, 2018.

NOTARY PUBLIC IN AND FOR Carson City COUNTY, NEVADA.
MY COMMISSION EXPIRES September 4, 2019

MARK T. JOHNSON — NOTARY PUBLIC — STATE OF NEVADA — Appt. Exp. Sept. 4, 2019

STEEP CANYON SPRING

PROPOSED POINT OF DIVERSION

WITHIN THE SW¼ NE¼ OF SECTION 10, T.22N., R.34E., M.D.B.&M., OR AT A POINT FROM WHICH THE SE CORNER OF SECTION 34, T.22N., R.34E., M.D.B.&M. BEARS S. 5º 0' 53.83" E., A DISTANCE OF 24,387.3 FEET.

PROPOSED PLACE OF USE

WITHIN THE SW¼ NE¼ OF SECTION 10, T.22N., R.34E., M.D.B.&M.

PROPOSED MANNER OF USE

STOCKWATER

N

BASIS OF BEARINGS

POSITIONS AND TIES ARE GPS DERIVED USING NAD 83 DATUM GPS ACCURACY +/- 3 to 5 METERS. SECTION LINE DISTANCE AND BEARINGS OBTAINED FROM A U.S. BUREAU OF LAND MANAGEMENT PROTRACTION PLAT DATED OCTOBER 26, 1964 FOR T. 22 N., R. 34 E., M.D.B. & M.

NOTE: ONLY SECTION LINES ARE SURVEYED FOR T. 22 N., R. 34 E., M.D.B. & M. APPROXIMATE QUARTER-QUARTER LINES DERIVED FROM EQUAL SUBDIVISION OF SURVEYED SECTIONS.

GPS COORDINATES [NAD 83]

SE CORNER OF SECTION 34, T. 22 N., R. 34 E., M.D.B.&M.	*N 39º 43' 25.42" W 118º 8' 13.74"*
PROPOSED POD - STEEP CANYON SPRING	*N 39º 47' 25.51" W 118º 8' 41.05"*

APRIL 18, 2018

Sheet 1 of 1

STATE ENGINEER'S USE

87883

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APR 24 2018
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MAP TO ACCOMPANY APPLICATION TO APPROPRIATE WATERS OF THE STATE OF NEVADA
FOR
STOCKWATER USE
BY
BENCH CREEK RANCH CO, LLC.
FROM
STEEP CANYON SPRING
IN
CHURCHILL COUNTY, NEVADA

Stanka Consulting, LTD
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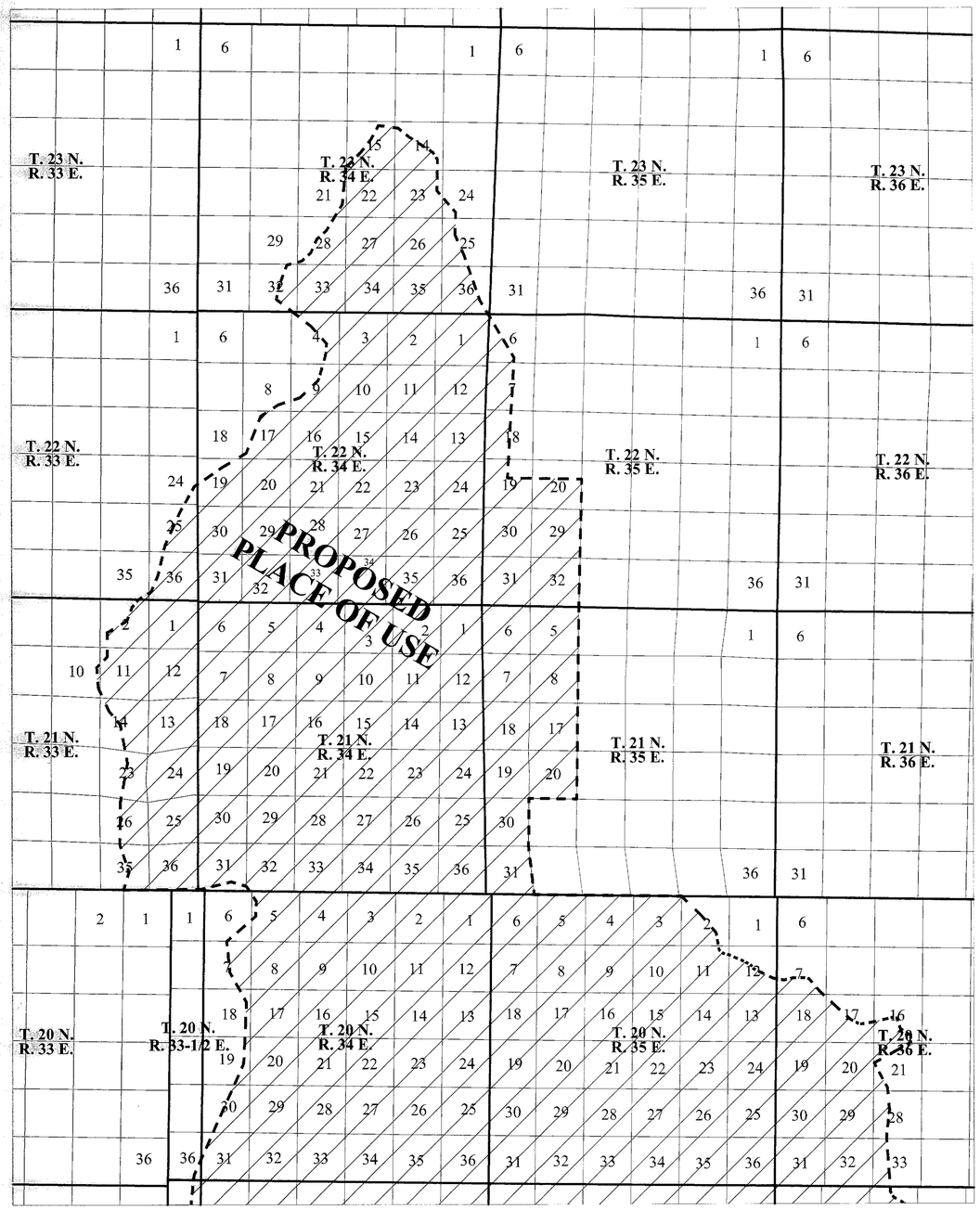
Z/7.91 BENCH CREEK RANCH/03 CHRIS

87883



PORTIONS OF TOWNSHIP 20 NORTH, RANGE 33, 33-1/2, 34, 35, AND 36 EAST, M.D.B.&M.;
PORTIONS OF TOWNSHIP 21 NORTH, RANGE 33, 34, 35, AND 36 EAST, M.D.B.&M.;
PORTIONS OF TOWNSHIP 22 NORTH, RANGE 33, 34, 35, AND 36 EAST, M.D.B.&M.;
PORTIONS OF TOWNSHIP 23 NORTH, RANGE 33, 34, 35, AND 36 EAST, M.D.B.&M.

LEGEND

SECTION LINE

TOWNSHIP / RANGE LINE

PROPOSED PLACE OF USE

N

SCALE

8,000 0 4,000 8,000 16,000 32,000 FEET

1 inch = 8,000 feet

STATE OF NEVADA
COUNTY OF CARSON CITY } SS

I, CHRISTOPHER G. MOLTZ, BEING FIRST DULY SWORN, DEPOSE AND SAY THAT THIS MAP, CONSISTING OF TWO SHEETS HAS BEEN CORRECTLY DRAWN TO THE DESIGNATED SCALE, FROM FIELD NOTES OF A SURVEY MADE BY ME AND/OR UNDER MY SUPERVISION AND DIRECTION ON JANUARY 20, 2018, AND RELYING UPON ANALYSIS OF RECORDED SURVEY DOCUMENTS, AND OTHER DOCUMENTS LOCATED AT THE NEVADA DIVISION OF WATER RESOURCES AND THE DEPARTMENT OF INTERIOR, BUREAU OF LAND MANAGEMENT; THAT THIS MAP TRULY AND CORRECTLY REPRESENTS THE PROPOSED PLACE OF USE OF AN UNDERGROUND SOURCE (CHALK MTN. WELL), LOCATED IN CHURCHILL COUNTY BY THE BENCH CREEK RANCH CO, LLC. FOR STOCKWATER PURPOSES, AND THE BOUNDARY OF ALL LANDS, SHOWING BY 40-ACRE SUBDIVISIONS THE AREAS PROPOSED TO BE SERVED, ARE FULLY AND CORRECTLY DESIGNATED THEREON.

CHRISTOPHER G. MOLTZ, P.E., SWRS # 1302

PROFESSIONAL ENGINEER – STATE OF NEVADA – CHRISTOPHER G. MOLTZ – Exp. 12/31/19 – CIVIL – No. 023133

SUBSCRIBED AND SWORN TO BEFORE ME
THIS 29 DAY OF January, 2018.

NOTARY PUBLIC IN AND FOR Carson City COUNTY, NEVADA.
MY COMMISSION EXPIRES September 4, 2019

MARK T. JOHNSON – NOTARY PUBLIC – STATE OF NEVADA – No. 15-2952-3 – My Appt. Exp. Sept. 4, 2019

UNDERGROUND SOURCE (CHALK MTN. WELL)

PROPOSED POINT OF DIVERSION

WITHIN THE SW¼ SW¼ OF SECTION 36, T. 17 N., R. 34 E., M.D.B.&M., OR AT A POINT FROM WHICH THE SE CORNER OF SAID SECTION 36 BEARS S. 84º 40' 27" E, A DISTANCE OF 4,740.50 FEET. (PLEASE SEE MAP FILED UNDER 44344).

PROPOSED PLACE OF USE (PART 1 OF 2)

DIXIE VALLEY GRAZING ALLOTMENT

- *T. 23 N., R. 34 E. - SECTIONS 14 (POR), 15 (POR), 21 (POR), 22, 23 (POR), 24 (POR), 25 (POR), 26, 27, 28 (POR), 29 (POR), 32 (POR), 33, 34, 35, 36 (POR)*
- *T. 22 N., R. 33 E. - SECTIONS 24 (POR), 25 (POR), 35 (POR), 36 (POR)*
- *T. 22 N., R. 34 E. - SECTIONS 1, 2, 3, 4 (POR), 8 (POR), 9 (POR), 10, 11, 12, 13, 14, 15, 16, 17 (POR), 18(POR), 19 (POR), 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36*
- *T. 22 N., R. 35 E. - SECTIONS 6 (POR), 7 (POR), 18 (POR), 19 (POR), 20 (POR), 29, 30, 31, 32*
- *T. 21 N., R. 33 E. - SECTIONS 1, 2 (POR), 10 (POR), 11 (POR), 12, 13, 14 (POR), 23 (POR), 24, 25, 26 (POR), 35 (POR), 36 (POR)*
- *T. 21 N., R. 34 E. - SECTIONS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31 (POR), 32 (POR), 33, 34, 35, 36*
- *T. 21 N., R. 35 E. - SECTIONS 5, 6, 7, 8, 17, 18, 19, 20, 30, 31*
- *T. 20 N., R. 33-½ E. - SECTION 36 (POR)*
- *T. 20 N., R. 34 E. - SECTIONS 1, 2, 3, 4, 5 (POR), 6 (POR), 7 (POR), 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18 (POR), 19 (POR), 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30 (POR), 31 (POR), 32, 33, 34, 35, 36*
- *T. 20 N., R. 35 E. - SECTIONS 2 (POR), 3, 4, 5, 6, 7, 8, 9, 10, 11 (POR), 12 (POR), 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36*
- *T. 20 N., R. 36 E. - SECTIONS 7 (POR), 16 (POR), 17 (POR), 18 (POR), 19, 20, 21 (POR), 28 (POR), 29, 30, 31, 32, 33 (POR)*

...

PROPOSED PLACE OF USE CONTINUED ON SHEET 2 OF 2.

ALL TOWNSHIP AND RANGES ARE REFERENCED TO THE M.D.B.&M.

JANUARY 29, 2018 *Sheet 1 of 2*

RECEIVED
JAN 29 2018
STATE ENGINEER'S OFFICE

STATE ENGINEER'S USE 87619

FILED
JAN 29 2018
STATE ENGINEER'S OFFICE

MAP TO ACCOMPANY APPLICATION TO APPROPRIATE WATERS OF THE STATE OF NEVADA
FOR
STOCKWATER USE
BY
BENCH CREEK RANCH CO, LLC.
FROM
AN UNDERGROUND SOURCE (CHALK MTN. WELL)
IN
CHURCHILL COUNTY, NEVADA

Stanka Consulting, LTD
A Professional Engineering Company

3032 Silver Sage Drive, Suite 101
Carson City NV 89701
(775) 885-9283
chris@stankaconsulting.com
www.stankaconsulting.com

Z/7.91 BENCH CREEK RANCH/03 CHRIS

87880 87771 87770 87761 87760 87676 87619



Site Search

Permit Information

New Search

App/Permit: 87880
Status: READY FOR ACTION
Certificate: None

General | Maps & Due Dates | Place of Use | Abrogations/Protests/Rulings | Ownership and Title

Current Ownership Information

(NOTE: Owner names shown here are standardized for retreival purposes only. Verify legal names before submitting any new documentation.)

Owner	Type	Div Rate	Duty	Acres	Change By	APN	County	Description
BENCH CREEK RANCH CO, LLC	B	0	0	0				

Confirmed By:
Effective Date:

Original Owners

Owner
BENCH CREEK RANCH CO, LLC

Remarks

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

VESTED RIGHT V00754

BASIN: Dixie Valley (128) **COUNTY:** Churchill

LATITUDE: 39.523603 **LONGITUDE:** -118.012592

OWNERSHIP:	Nevada Wonder Mining Company
PRIORITY DATE:	January 1, 1894
SOURCE DESCRIPTION:	STR
POINT OF DIVERSION:	NE¼SW¼ Section 11, T.19N., R.35E., M.D.M.
MANNER OF USE:	IRR
USE UNITS:	19.5 acres
PLACE OF USE:	Section 11, T.19N., R.35E., M.D.M.
DIVERSION RATE:	0.0 cfs
ALLOWED DUTY:	78.0 afa
PERIOD OF USE:	04/15-09/30
STATUS:	Vested
DUE DATES:	n/a
REMARKS:	Horse Creek

POD PARCEL:	Churchill County APN 003-291-02
POD PARCEL OWNER:	United States of America Naval Air Station Fallon
POU PARCEL:	Churchill County APN Multiple
POU PARCEL OWNER:	Multiple

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

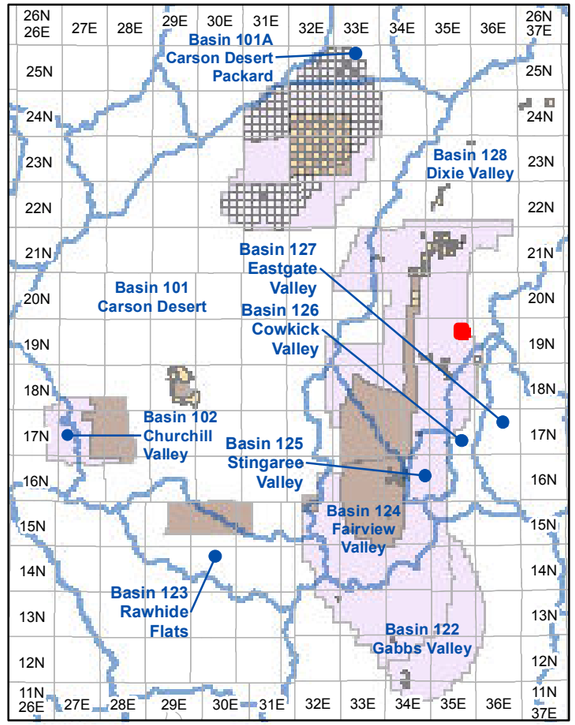
Vested Right V00754

The current owner of Vested Right V00754 is Nevada Wonder Mining Company. The vested right was filed in the office of the State Engineer on November 6, 1909. It has a priority date of January 1, 1894 and a total duty of 78 acre-feet annually permitted for irrigation purposes. The allowed period of use is from April 15 through September 30.

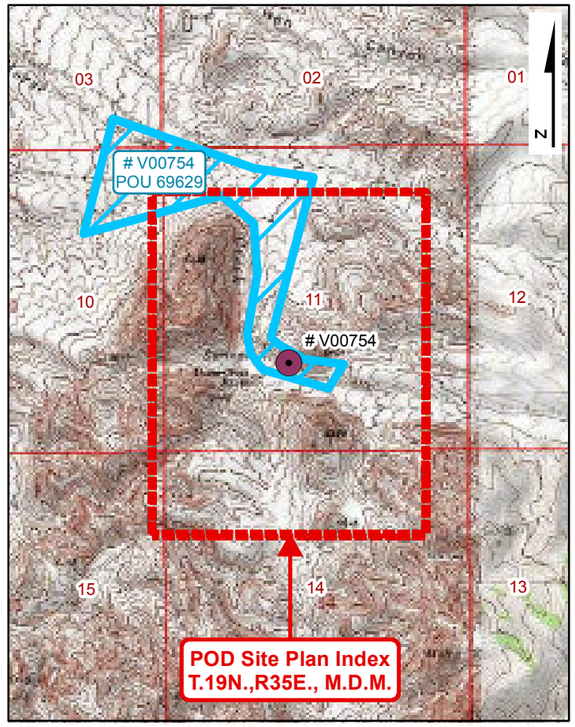
The point of diversion is located within the NE¼SW¼ Section 11, T.19N., R.35E., M.D.M. The permitted place of use is in the Dixie Valley Basin within Churchill County APN 003-291-02, which lands are now owned by the United States of America Department of Navy and is more specifically listed in the table below.

QQ	Q	Section	Township	Range	Units
			19N	35E	19.5 acres

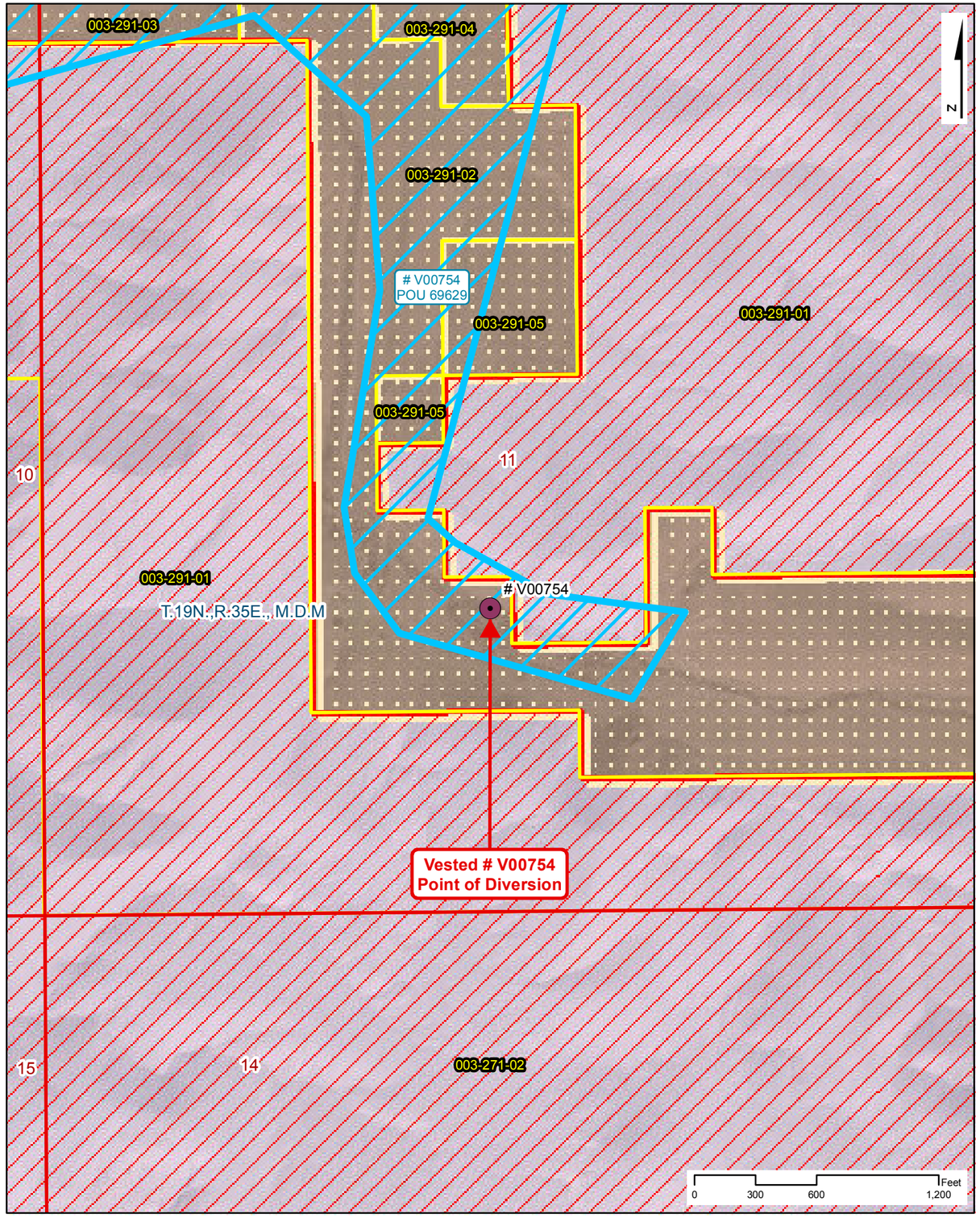
Vested Right V00754 is currently in good standing with the NDWR with no further action required.



Township and Range Index
Scale: 1" = 20 Miles



USGS Quadmap Site Plan Index
Scale: 1" = 1/2 Mile



Point of Diversion Site Plan
Scale: 1" = 600'

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631

WATER RIGHTS RESEARCH INVENTORY SERVICES

VESTED: V00754

BASIN: Dixie Valley (128) — **COUNTY: Churchill**
LATITUDE: 39.523603 — **LONGITUDE: -118.012592**
POINT OF DIVERSION: NE1/4,SW1/4, Section 11, T.19N.,R35E., M.D.M.
PLACE OF USE (DWR Polygon ID): 69629
PERMIT LAND CATEGORY: Existing Lands Privately Held

OWNERSHIP

Nevada Wonder Mining Company

PRIORITY DATE: 1/1/1894
FILING DATE: 11/6/1909
STATUS: Vested

USE UNITS

19.5 Acres

SOURCE DESCRIPTION: Stream
MANNER OF USE: Irrigation
DIVERSION RATE: CFS
ALLOWED DUTY: 78.000 AFA
PERIOD OF USE: 04/15-09/30

GIS PARCEL DATA

A.P.N. 003-291-02, CHURCHILL COUNTY
UNITED STATES OF AMERICA

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index

- Township Range Grid
- Hydrographic Basins

Existing Navy Lands
- Withdrawan
- Non Federal
- Navy Owned

Proposed Navy Lands
- Proposed Withdrawal Expansion
- Non Federal

Point of Diversion Manner of Use

- As Decreed
- Commercial
- Domestic
- Environmental
- Industrial
- Irrigation
- Mining & Milling
- Municipal
- Other
- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

R|O Anderson

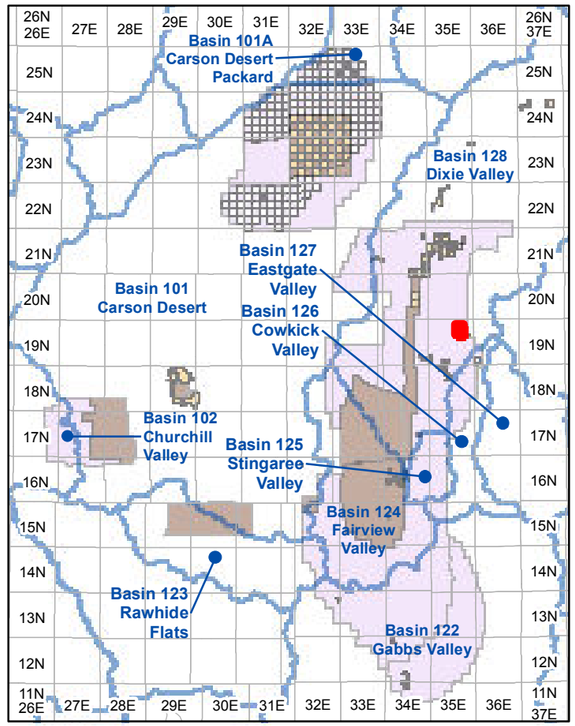
VESTED: V00754

Product of R.O. Anderson Engineering, Inc. -= Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_Vested_Maps.mxd -= GIS Specilist: Eric Herron -= Publication Date: 10/5/2019 11:01:23 AM

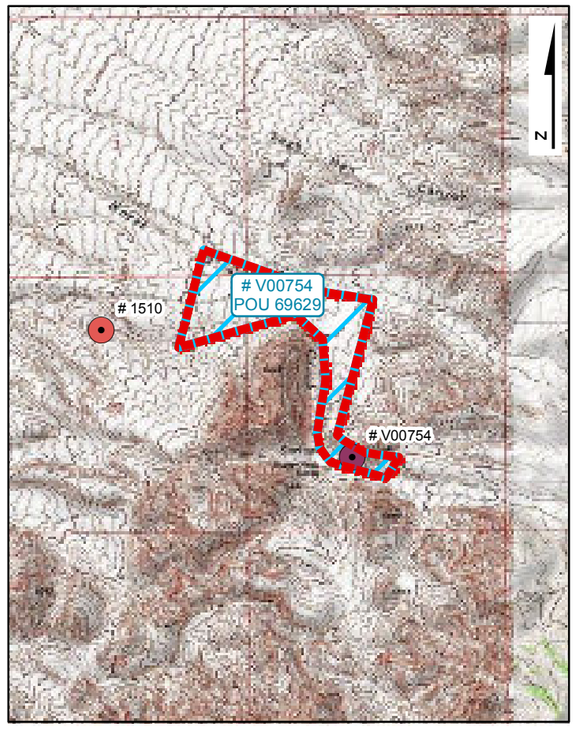
NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH INVENTORY SERVICES

DIVISION OF WATER RESOURCES PLACE OF USE GIS DATA

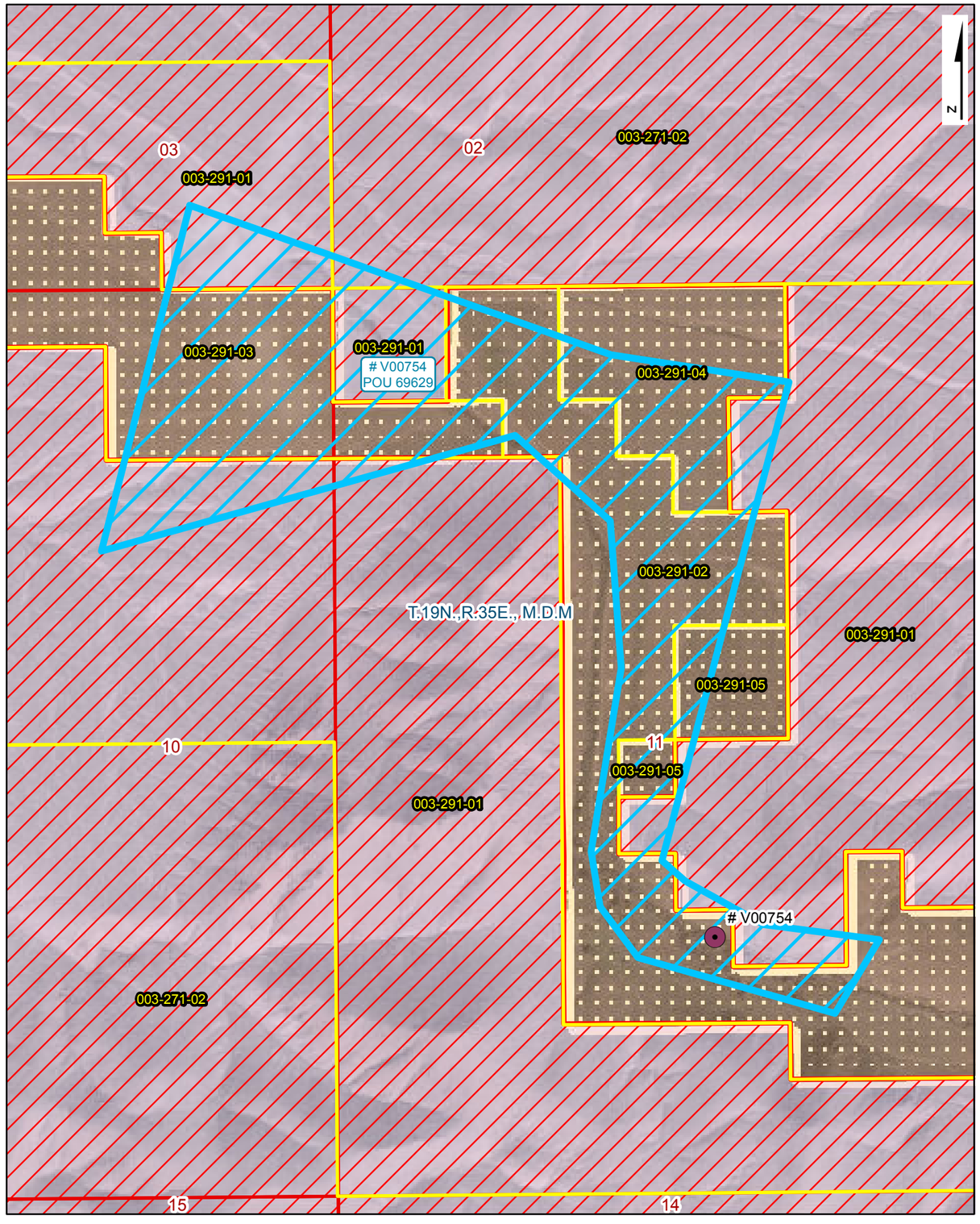
WATER RIGHT: V00754 **DWR POLYGON ID: 69629**



Township and Range Index



USGS Quadmap Site Plan Index



Place of Use Site Plan

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index

- Township Range Grid
- Hydrographic Basins

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- Withdrawan
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- Proposed Withdrawal Expansion
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Point of Diversion Manner of Use

- As Decreed
- Commercial
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- Mining & Milling
- Municipal
- Other
- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

R|O Anderson

WATER RIGHT: V00754
DWR POLYGON ID: 69629

Product of R.O. Anderson Engineering, Inc. -= Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_POU_Maps.mxd =- GIS Specilist: Eric Herron =- Publication Date: 10/5/2019 11:10:33 AM

map file amended 0754 Source Cert'y Wmk

AMENDED

Filing Serial No. 0754

0754

THE STATE OF NEVADA

PROOF OF APPROPRIATION OF WATER FOR IRRIGATION

From Horse Creek
Name of natural water source

Through the natural channel of Horse Creek, and the Horse Creek Ranch
Name of ditch, flume, or pipe line

ditches., the undersigned, being first duly sworn, deposes and says that the facts relative to the appropriation of water by the Nevada Wonder Mining Company are full and correct to the best of his knowledge and belief.

The deponent is Superintendent of the Nevada Wonder Mining Company's
If proof is not made by claimant, deponent should state on this line by virtue of what authority he represents the claimant

property and is their duly appointed agent in Nevada

(1) Name of claimant Nevada Wonder Mining Company,
Eastern Office, 572 Bullitt Bldg., Philadelphia, Pa.
Address Nevada office at Wonder, County of Churchill,
State of Nevada

(2) The means of diversion employed small ditches from natural channel
Dam and ditch, pipe line, flume, etc.

(3) The date of the survey of ditch, canal, or pipe line was 1894

(4) The construction of the ditch or other works was begun 1894
and completed at intervals until 1911

(5) The dimensions of ~~the ditch or~~ largest canal as originally constructed were: Width on bottom 1.5 feet, width on top 2.0 feet, depth 1.5 feet, on a grade of ..... feet per thousand feet.

(6) The conduit has (has not) been enlarged.
NOTE—If enlargement or extension of ditch was made, supply information under (7) and (8)

(7) The work of enlargement of the ditch or canal was begun
and completed

The main channel is shallow and flows through the ranch, and the ditches are small and such as would be made by a farmer according to his needs from year to year.

(8) The dimensions of the ditch or canal as enlarged are: Width on bottom ..... feet, width on top ..... feet, depth ..... feet, on a grade of ..... feet per thousand feet.

(9) The claimant is (is not) an owner in the above-described conduit.

Entire interest owned
If claimant is an owner in the conduit, state interest held on this line

(10) The nature of the title to the land for which the water right is claimed is by present possession and use, and by purchase from J. A. Kirby, et al.

(11) Crops of alfalfa, potatoes, and other vegetables have been grown upon the land irrigated.

(12) The water has been used for irrigation from April 15th (Day of month) to Sept. 30th (Day of month) of each year.

(13) The water was first used for irrigation by claimant or their grantors in the year 1894, when about 20 acres were irrigated in the unsurveyed of Sec. unsurveyed, T. 19 or 20 R. 35 E., The property is on unsurveyed land near lat. 39° 31', long. 118° as shown on the map of Carson Sink Quadrangle of the U. S. Geological Survey

(14) The additional number of acres first irrigated in subsequent years was as follows:

Year

....., ...acres in the.....of Sec....., T....., R.....E.

.....acres in the.....of Sec....., T....., R.....E.

.....acres in the.....of Sec....., T....., R.....E.

.....acres in the.....of Sec....., T....., R.....E.

.....acres in the.....of Sec....., T....., R.....E.

.....acres in the.....of Sec....., T....., R.....E.

.....acres in the.....of Sec....., T....., R.....E.

.....acres in the.....of Sec....., T....., R.....E.

.....acres in the.....of Sec....., T....., R.....E.

.....acres in the.....of Sec....., T....., R.....E.

.....acres in the.....of Sec....., T....., R.....E.

.....acres in the.....of Sec....., T....., R.....E.

.....acres in the.....of Sec....., T....., R.....E.

.....acres in the.....of Sec....., T....., R.....E.

.....acres in the.....of Sec....., T....., R.....E.

Remarks: No records of past use are available, but there are

Append a sheet if necessary

15-1/2 acres of alfalfa, 4 acres of vegetable garden that shows signs of constant use for many years.

(15) The maximum acreage irrigated in any year was 75 acres as ~~fear~~ far as known acres.

(16) The water claimed has (~~has not~~) been used for irrigation each and every year since the right was initiated., so far as known by deponent.

Strike out one not wanted

(17) The years during which no water was used for irrigation or during which the full water right was not used were.....

If water was not used, or used in reduced quantity at any time, full information as to causes and duration

of non-use should be given, appending a sheet if necessary

(18) The claimant's water right was (~~was not~~) recorded in the office of the County Recorder of Churchill County, said record being at page 138 of Book 5 of Miscellaneous, and being a claim for all the water in Horse Creek of water for the irrigation of.....

acres of land in the following legal subdivisions:.....

Under date of December 29, 1894, located by Chas. E. Towle and Frank Days from whom the property comes to the present claimant by successive transfers.

NOTE—Failure to record in the county in no way invalidates a water right, but if ditch or right was so recorded, supply full information under (19)

The map provided by the State Engineer and attached hereto as a part of this proof is hereby accepted as correctly showing the ditch lines or irrigation works diverting or conveying the water claimed and the lands irrigated.

(20) Water from the source given and through the works described is also used for the following purposes other than irrigation: .....

.....

.....

(21) Remarks: The Nevada Wonder Mining Co. purchased the Horse Creek Ranch together with water rights and other rights appertaining thereto from J. A. Kirby et al, who deeded and quit-claimed the property to J. B. Daniel, Trustee; and J. B. Daniel as Trustee afterward deeded the property to the Nevada Wonder Mining Company who now own it. During the year 1911 the ranch was leased by the Nevada Wonder Mining Company to a tenant, who grew and sold several wagon loads of potatoes, and other vegetables from the ranch, and used the alfalfa as grazing ground for horses. Necessarily, on account of lack of records, much of the information embodied in this application regarding former years has had to be obtained by questioning old inhabitants and from various other sources.

.....

.....

.....

.....

Nevada Wonder Mining Company
by J A Burgess
Superintendent

.....

Subscribed and sworn to before me this 7th *day of* February, 1912

C A Lamb

Notary Public in and for the County of Churchill

My commission expires Aug 27th 1914

AMENDED

This part of form to be left blank by claimant

Filing Serial No. 0754

STATE OF NEVADA

Proof of Appropriation of Water for Irrigation

Water Source .....

Through .....

Claimant .....

.....

.....

Filed in the Office of the State Engineer on

....., 191....

.....

State Engineer

Certificate No. ..... issued hereunder

....., 191....

Form No. 8 2000—7-17-11

0754

THE STATE OF NEVADA.

PROOF OF THE APPROPRIATION OF WATER.

State your name J. B. Daniel, Jr.

1. Q. Postoffice.

A. Fonder, Churchill County, Nevada.

2. Q. State the use to which the water has been applied.

A. Irrigation of land.

3. Q. State the means of diversion employed.

A. A main ditch and laterals.

4. Q. If through a ditch state its name.

A. No name

5. Q. (a) State date of survey of the ditch or other distributing works through which the water claimed is diverted. (b) The date when the construction of such ditch was begun and when completed.

A. (a) 1894

(b) Begun and completed in 1894.

6. Q. If any enlargements were made state the date when begun and the date when completed.

A. No enlargements.

7. Q. State dimensions of the ditch as originally constructed, and as enlarged.

A. 3 feet wide, 2 feet deep and about one and one half miles in length.

8. Q. State the name of person, association of persons or corporation who built the ditch or canal, and the name or names of its present owners.

A. Canal was built by Charles E. Towle.

The present owner is J. B. Daniel, Jr.

9. Q. State the nature of your title to the land for which an appropriation is claimed, and if not owned by you give the name of the owner and the nature of the possessory right which you exercise.

A. Right to possession of the land by virtue of occupation.

10. Q. State the year when water was first used for irrigation or other beneficial purposes, and by whom. If for irrigation, give the number of acres watered the first year, with the legal subdivisions on which the water was used, and as near as may be the acres irrigated in each legal subdivision.

A. In the year 1894 by Charles E. Towle.

It was used for irrigating about 20 acres the first year. This land has never been subdivided.

11. Q. State the number of acres watered each subsequent year, and give the legal subdivisions on which the water was used, and as near as may be the acres irrigated in each legal subdivision.

A. 11 parcels of 160 acres.

12. Q. If water is claimed for irrigation, give the legal subdivisions of land owned or controlled by you for which an appropriation is claimed.

A. This land has never been subdivided by the Government.

13. Q. State the acreage said ditch is capable of watering, give the legal subdivisions of land which it can be made to irrigate, and state who owns said land.

A. Average of years 1250 acres — All land under this ditch is owned by J. B. Daniel, Trustee.

14. Q. State the character of the soil and the kind of crops cultivated.

A. Loam and sand — Crops on alfalfa, barley, potatoes and vegetables.

15. Q. Are you an owner in said ditch? If so state your proportionate interest therein.

A. I am sole owner.

16. Q. The plat prepared by the State Engineer is hereby accepted as showing correctly the location of the Ditch and the land which can be irrigated therefrom.

A.

17. Q. When does your irrigation season begin and when does it end?

A. April to August-

18. Q. If water is used for other purposes than irrigation, state the nature of such use, the time when such use began, and how much water is required for such purpose.

A. Water is not used for other purpose.

19. Q. During what months is the water used?

A.

20. Q. Have you had sufficient water each year since the use for which an appropriation is claimed began? If not, state the years of scarcity, the months when the supply was insufficient, and the reason of such scarcity.

A. There has not been sufficient water each year since the use for which an appropriation is claimed began. Water has been scarce at irregular periods on account of the light snow fall in Winter.

Signed: J. W. Daniel, Water

Hawder, Nevada, November 4th, 1909

Sworn to and subscribed before me at Fallon, Nevada, this 4th day of November, 1909

L. M. French, Notary Public.

Remarks:

0754

PROOF OF APPROPRIATION

Date of Appropriation .....

PRIORITIES.

GENERAL. STREAM.

....

NAME OF STREAM.

Horse Creek.

TRIBUTARY OF

.....

NAME OF CLAIMANT.

J. D. Daniel.

.....

FILED NOV 6 1933

Filed in this office this .....

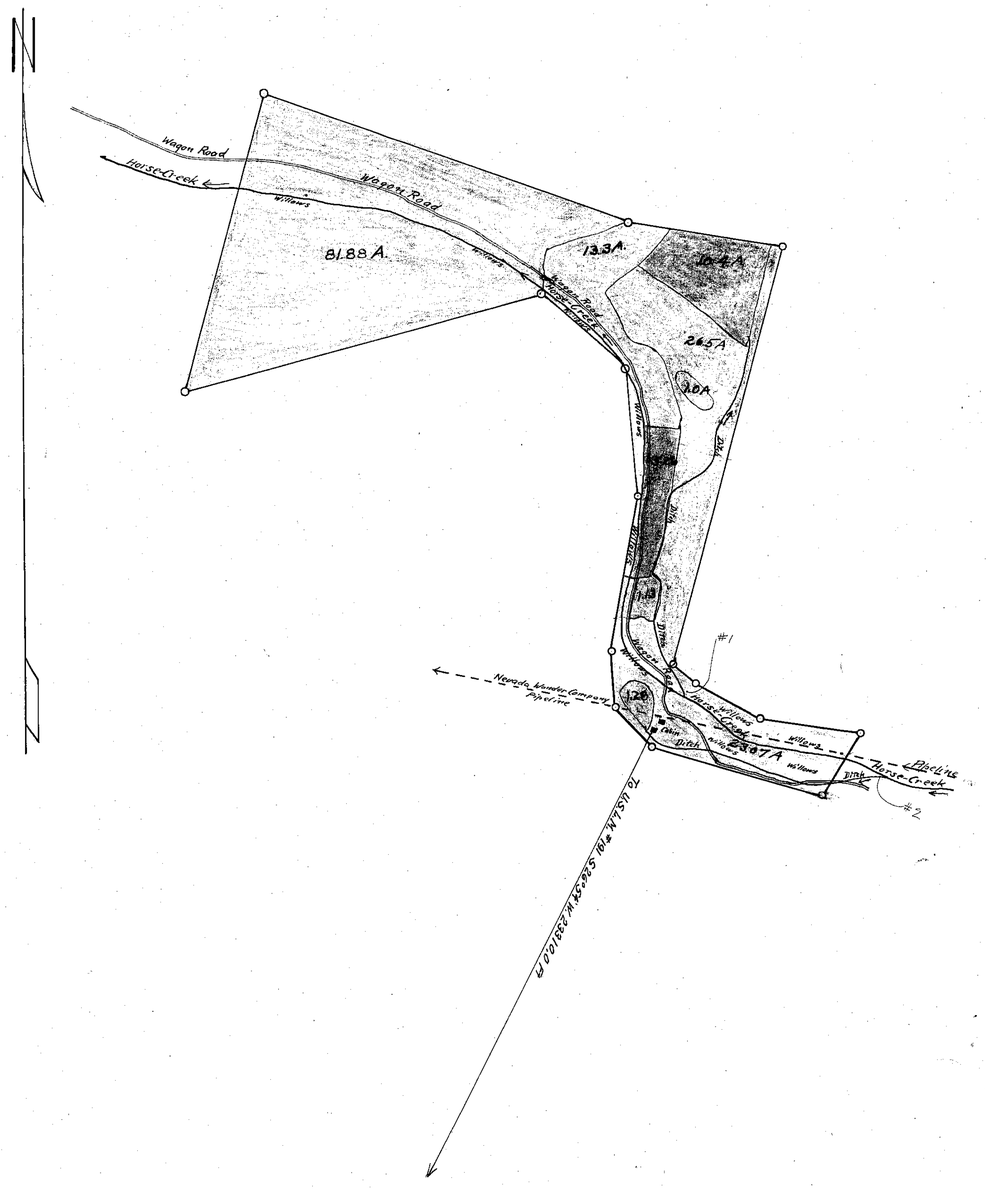
day of ....., 19.....

.....

State Engineer.

	Section	Subdivision	Township	Range	Cultivated Acreage	Description of Culture	Date of first Culture
3.4					4	Garden	1904
					15.5	Alfalfa	
					13	Meadow	
23.7					17	Pasture & Willows	
108.38					110.5	Sage brush & Pasture	
					1600		

Checked by Miller Mar. 9 1912



HORSE CREEK RANCH

Land and Water Used By

NEVADA WONDER MINING COMPANY

Water taken from Horse-Creek

Scale 1" = 600'

Surveyed Dec. 18-20 1911.

E. V. Schulze Surveyor

FILED
FEB 9 1912
STATE ENGINEER'S OFFICE

0754

State of Nevada
Division of Water Resources

Site Search

Permit Information

New Search

App/Permit: V00754
Status: VESTED RIGHT
Certificate: None

General | Maps & Due Dates | Place of Use | Abrogations/Protests/Rulings | Ownership and Title

Current Ownership Information

(NOTE: Owner names shown here are standardized for retreival purposes only. Verify legal names before submitting any new documentation.)

Owner	Type	Div Rate	Duty	Acres	Change By	APN	County	Description
NEVADA WONDER MINING COMPANY	B	0	0	0				

Confirmed By:
Effective Date:

Original Owners

Owner
NEVADA WONDER MINING COMPANY

Remarks

15.5 ACRES ALFALFA PLUS 4 ACRES VEGETABLE GARDEN.

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

VESTED RIGHT V04587

BASIN: Dixie Valley (128) **COUNTY:** Churchill

LATITUDE: 39.712414 **LONGITUDE:** -118.078145

OWNERSHIP:	Tschetter, Rodney L., Jill P. and Thomas S.
PRIORITY DATE:	12/31/1904
SOURCE DESCRIPTION:	UG
POINT OF DIVERSION:	W½SW¼ Section 5, T.21N., R.35E., M.D.M.
MANNER OF USE:	IRR
USE UNITS:	
PLACE OF USE:	W½SW¼ Section 5, T.21N., R.35E., M.D.M. SE¼SW¼ Section 5, T.21N., R.35E., M.D.M NW¼ Section 5, T.21N., R.35E., M.D.M
DIVERSION RATE:	1.5 cfs
ALLOWED DUTY:	
PERIOD OF USE:	01/01 – 12/31
STATUS:	Vested
DUE DATES:	n/a
REMARKS:	No mapping on file with DWR

POD PARCEL:	Churchill County APN 003-851-05
POD PARCEL OWNER:	United States of America Naval Air Station Fallon
POU PARCEL:	Churchill County APN 003-851-05
POU PARCEL OWNER:	United States of America Naval Air Station Fallon

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

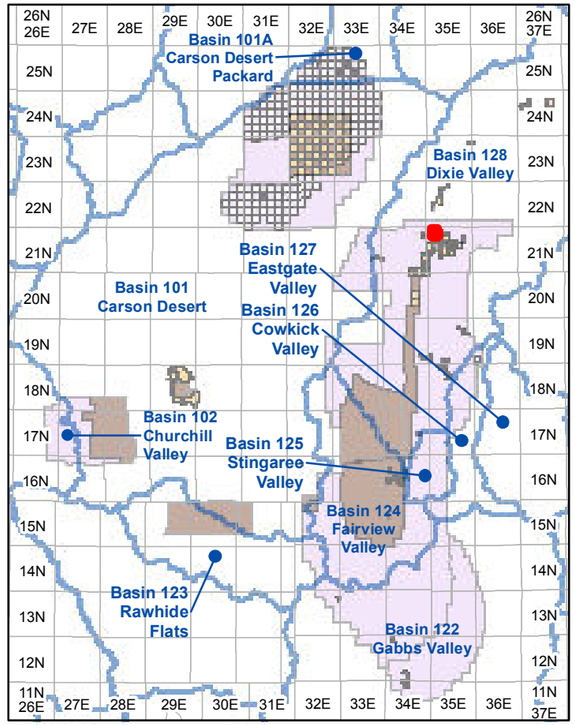
Vested Right V04587

The current owner of Vested Right V04587 is Rodney L., Jill P., and Thomas S. Tschetter. The vested right was filed, without mapping, in the office of the State Engineer on February 4, 1987. It has a priority date of December 31, 1904 and an allowed diversion rate of 1.5 CFS permitted for irrigation purposes. The allowed period of use is from January 1 to December 31.

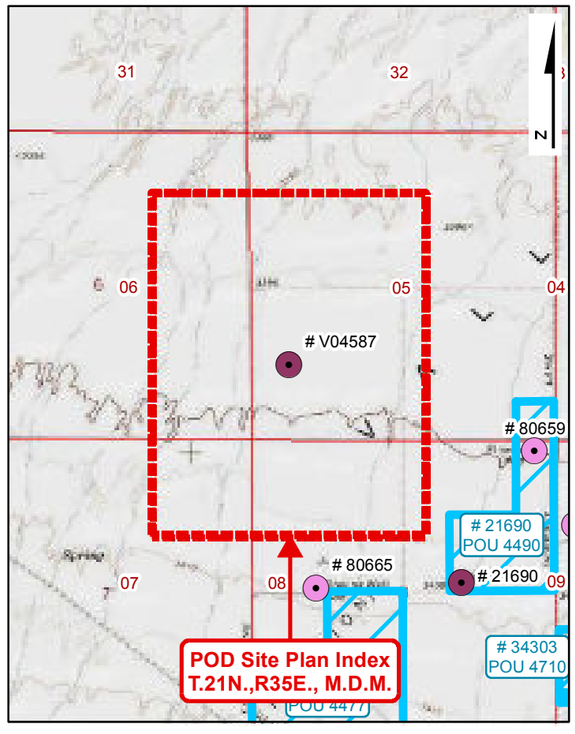
The point of diversion is located within the W¼SW¼ Section 5, T21N, R35E, MDM. The permitted place of use is in the Dixie Valley Basin within Churchill County APN 003-851-05, which land is now owned by the United States of America Naval Air Station Fallon and is more specifically listed in the table below.

QQ	Q	Section	Township	Range	Units
SE	SW	5	21N	35E	
	NW	8	21N	35E	
W2	SW	5	21N	35E	

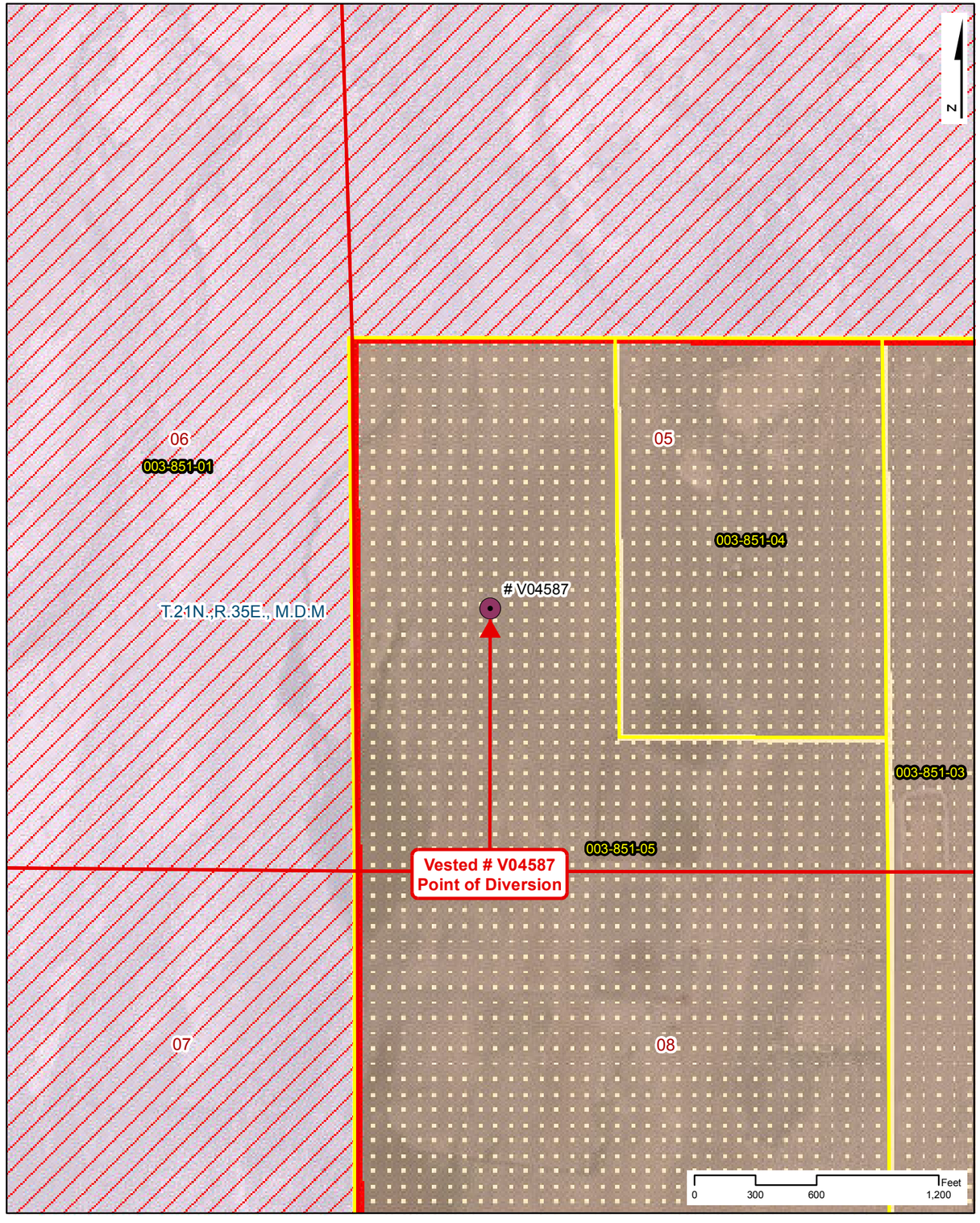
Vested Right V04587 is currently in good standing with the NDWR with no further action required.



Township and Range Index
Scale: 1" = 20 Miles



USGS Quadmap Site Plan Index
Scale: 1" = 1/2 Mile



Point of Diversion Site Plan
Scale: 1" = 600'

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631

WATER RIGHTS RESEARCH INVENTORY SERVICES

VESTED: V04587

BASIN: Dixie Valley (128) — **COUNTY: Churchill**
LATITUDE: 39.712414 — **LONGITUDE: -118.078145**
POINT OF DIVERSION: 1/4,SW1/4, Section 5, T.21N.,R35E., M.D.M.
PLACE OF USE (DWR Polygon ID): N/A
PERMIT LAND CATEGORY: Existing Lands Privately Held

OWNERSHIP

Tschetter, Rodney L., Julie P. and Thomas S.

PRIORITY DATE: 12/31/1904
FILING DATE: 2/4/1987
STATUS: Vested

USE UNITS

SOURCE DESCRIPTION: Underground
MANNER OF USE: Irrigation
DIVERSION RATE: 1.5 CFS
ALLOWED DUTY: AFA
PERIOD OF USE: 01/01-12/31

GIS PARCEL DATA

A.P.N. 003-851-05, CHURCHILL COUNTY UNITED STATES OF AMERICA

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index

- Township Range Grid
- Hydrographic Basins

Existing Navy Lands
- Withdrawan
- Non Federal
- Navy Owned

Proposed Navy Lands
- Proposed Withdrawal Expansion
- Non Federal

Point of Diversion Manner of Use

- As Decreed
- Commercial
- Domestic
- Environmental
- Industrial
- Irrigation
- Mining & Milling
- Municipal
- Other
- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

R O Anderson

VESTED: V04587

Product of R.O. Anderson Engineering, Inc. -=- Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_Vested_Maps.mxd -=- GIS Specilist: Eric Herron -=- Publication Date: 10/5/2019 10:46:29 AM

Serial No. 04587

THE STATE OF NEVADA

PROOF OF APPROPRIATION OF WATER FOR STOCK WATERING PURPOSES

(1) Name of claimant Thomas S. Tschetter, Jill P. Tschetter, Rodney L. Tschetter

5326 93rd Pl. N.E. of Marysville
Street and No. or P.O. Box No. City or town

Washington 98270
State and Zip Code No.

(2) Source of water Underground - Drilled Wells with casings
Name of natural water source.

(3) The water is diverted by Ditches, Levies, Pipe, Spring & holding pond areas.
Dam, ditch, pipe line, natural channel, spring area, etc.

(4) The water is diverted at the following point(s)
Describe as being within a 40-acre subdivision of public survey, and by course and distance to a section corner. If on unsurveyed land it should be stated. Diversion over a channel reach must be described by course and distance to a section corner for both the beginning and end of such reach.

Township 21 North, Range 35 East, M.D.B.&M.

Section 5: The W½ of the SW¼; and the S½ of the SE¼ of the SW¼

Section 8: The NW¼

CHURCHILL 10-128 DIXIE VALLEY

(5) The water is impounded in Holding ponds and/or flood irrigation levies.
Troughs, tanks, pools, reservoir, natural channel, etc.

(6) The construction of the ditch or other works was begun Early 1900's (See attached copies of notarized statements.
Date
and completed
Date

(7) The nature of the claimant's title to the land upon which the source of water and place of use are located is Deeded
Patented, deeded, public domain with grazing permit, etc.

(8) The claimant's water right ~~was~~ (was not) recorded in the office of the County Recorder of

County, at Page of Book of .

NOTE—Failure to record in the county in no way invalidates a water right, but if water right was so recorded, supply full information under (8).

(9) The approximate number of animals watered by the claimant during the first year ..... (Date),
was unKnown. cattle ..... horses ..... sheep or ..... (Other). The watering
was conducted during each of the following months This property was originally homesteaded by Mackedon in the early 1900's. It was sold to Leon Ellis who did the most development over the next 50 years raising: horses, cattle, alfalfa, honey, fruit and other crops. There were over 20 wells drilled of which 13 were artesian.

(10) The approximate number of animals watered by the claimant in subsequent years was as follows:

Since being purchased in 1973 by H.D. Tschetter it was quit claimed to his 2 sons and daughter-in-law. During this time, the land has been used primarily as grazing land and for growing some alfalfa, native hay and diversified pasture. The land has frequently been leased for grazing periodically by Wayman Roselund & Mike and Mickie Casey. The number of cattle and/or horses varied seasonally but was as high as 180.

If water was not used, or used in reduced quantity at any time, full information as to causes and duration of non-use should be given.

(11) The amount of water which has been necessary to be diverted for this purpose has been 1 to 1½ cubic feet per second.
448.83 gal. per min. equals 1 cubic foot per second.

(12) The works are located at The works on the purculating wells have been removed and/or scapped over the years. The remaining 13 wells are cased artesian wells.
Describe as being within a 40-acre subdivision, section, township and range of public survey. If on unsurveyed land, it should be stated.

Remarks As evidense of agricultural use, the property has been qualified as "agricultural deferred greenbelt" by Churchhill County. (Assessor's Parcel No. 3-851-05) (Roll # :CH-07813) It is completely perimeter fenced with cross fencing for grazing control.

Due to the expanse of time that has passed, we have been unable to obtain any more accurate history. We have included 4 notarized statements from past users

Remarks Valley residents. This property is currently being considered for purchase by the Navy. They have told us that with the notarized statements, they would appraise the property as though it has vested water rights, but now they are renigging on their offer. We are requesting a water right in order to obtain a more favorable Selling price. Our father died in September, 1986 and he was always under the impression that the vested water right did exist on the land.

The undersigned, being first duly sworn, deposes and says that the facts relative to the appropriation of water by Thomas S. Tschetter Et al

are full and correct to the best of his knowledge and belief.

If proof is not made by claimant, deponent should state on this line by virtue of what authority he represents the claimant.

Thomas Tschetter
Claimant

By .....

Street and No., or P.O. Box No.

City, State, Zip Code No.

Subscribed and sworn to before me this 2nd day of February, 19 87.

Jamie L. Loop

Notary Public in and for the County of Snohomsih

My commission expires 8-15-88

$50 FILING FEE MUST ACCOMPANY PROOF



Site Search

Permit Information

New Search

App/Permit: V04587
Status: VESTED RIGHT
Certificate: None

General | Maps & Due Dates | Place of Use | Abrogations/Protests/Rulings | Ownership and Title

Current Ownership Information

(NOTE: Owner names shown here are standardized for retreival purposes only. Verify legal names before submitting any new documentation.)

Owner	Type	Div Rate	Duty	Acres	Change By	APN	County	Description
TSCHETTER, RODNEY L.	B	0	0	0				
TSCHETTER, JILL P.	B	0	0	0				
TSCHETTER, THOMAS S.	B	0	0	0				

Confirmed By:
Effective Date:

Original Owners

Owner
TSCHETTER, RODNEY L.
TSCHETTER, JILL P.
TSCHETTER, THOMAS S.

Remarks

ADDITIONAL POD'SSE SW SEC 5; NW NW SEC 8; T21N R35E MDB&M

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

VESTED RIGHT V10057

BASIN: Dixie Valley (128) **COUNTY:** Churchill

LATITUDE: 39.799444 **LONGITUDE:** -118.061389

OWNERSHIP:	Stremler, Mike and Barbara
PRIORITY DATE:	01/01/1880
SOURCE DESCRIPTION:	SPR
POINT OF DIVERSION:	SW¼SE¼ Section 05, T.22N., R.35E., M.D.M.
MANNER OF USE:	STK
USE UNITS:	179 Cattle
PLACE OF USE:	SW¼SE¼ Section 05, T.22N., R.35E., M.D.M.
DIVERSION RATE:	0.0055 cfs
ALLOWED DUTY:	
PERIOD OF USE:	05/01-02/29
STATUS:	Vested
DUE DATES:	n/a
REMARKS:	Dixie Meadows Hot Spring
	No mapping on file with DWR

POD PARCEL:	Churchill County APN 004-211-03
POD PARCEL OWNER:	United States of America Department of the Navy
POU PARCEL:	Churchill County APN 004-211-03
POU PARCEL OWNER:	United States of America Department of the Navy

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

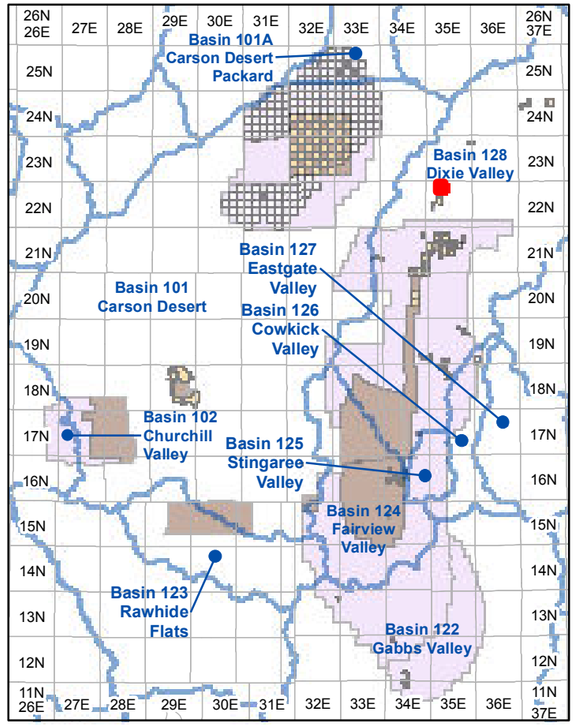
Vested Right V10057

The current owner of Vested Right V10057 is Mike and Barbara Stremler. The vested right was filed, without mapping, in the office of the State Engineer on May 24, 2011. It has a priority date of January 1, 1880 with 0.0055 cfs permitted for stock watering purposes. The allowed period of use is from May 1 through February 29.

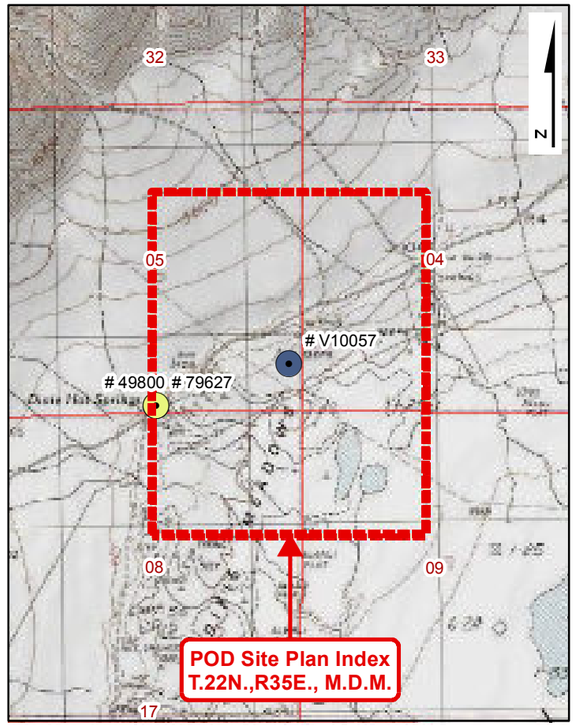
The point of diversion is located within the SW¼SE¼ Section 05, T.22N., R.35E., M.D.M. The permitted place of use is in the Dixie Valley Basin within Churchill County APN 004-211-03, which lands are now owned by the United States of America Department of the Navy and is more specifically listed in the table below.

QQ	Q	Section	Township	Range	Units
SW	SE	05	22N	35E	179 Cattle

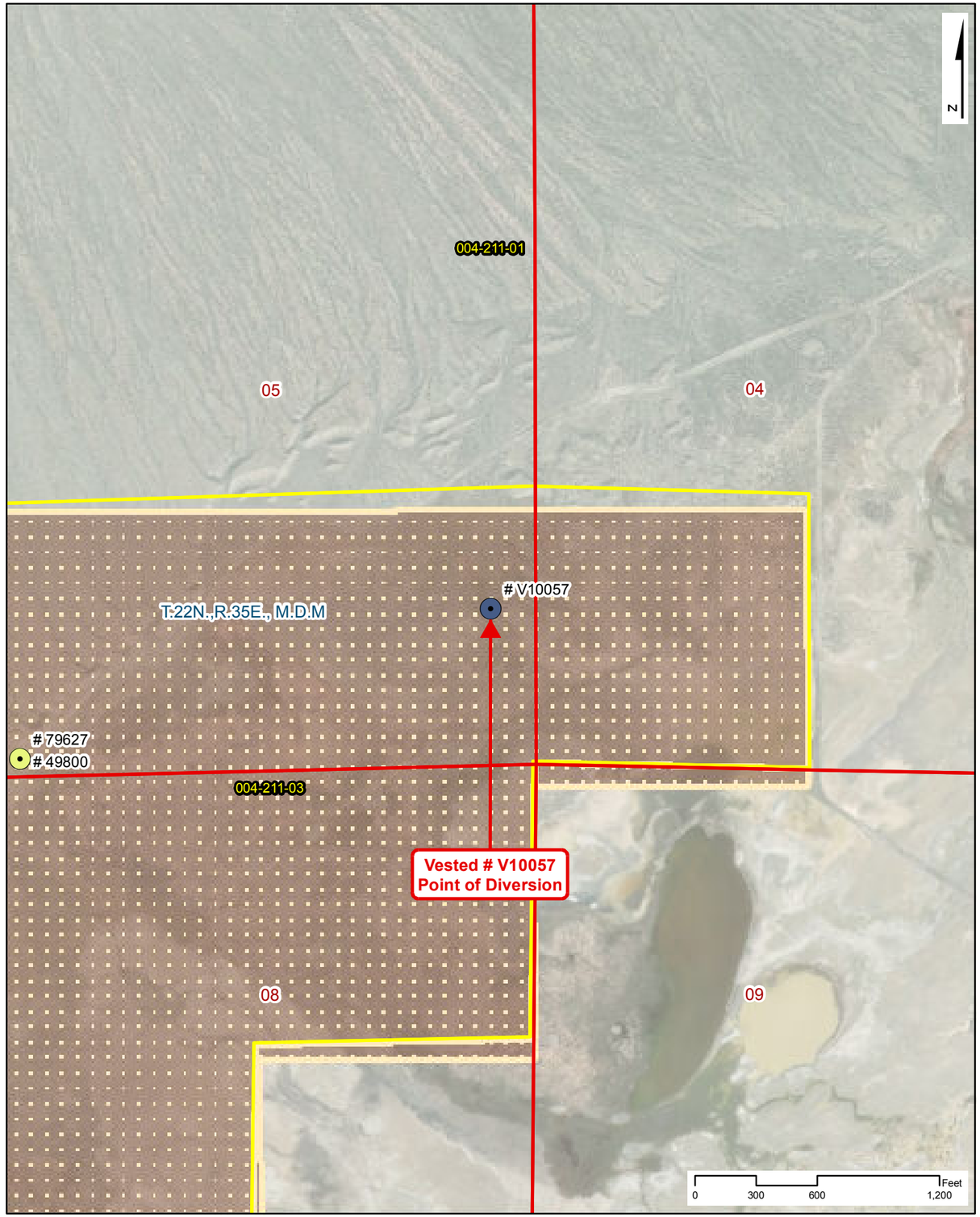
Vested Right V10057 is currently in good standing with the NDWR with no further action required.



Township and Range Index
Scale: 1" = 20 Miles



USGS Quadmap Site Plan Index
Scale: 1" = 1/2 Mile



Point of Diversion Site Plan
Scale: 1" = 600'

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631

WATER RIGHTS RESEARCH INVENTORY SERVICES

VESTED: V10057

BASIN: Dixie Valley (128) — **COUNTY: Churchill**
LATITUDE: 39.799444 — **LONGITUDE: -118.061389**
POINT OF DIVERSION: SW1/4,SE1/4, Section 5, T.22N.,R35E., M.D.M.
PLACE OF USE (DWR Polygon ID): N/A
PERMIT LAND CATEGORY: Existing Lands Privately Held

OWNERSHIP

Stremler, Mike and Barbara

PRIORITY DATE: 1/1/1880
FILING DATE: 1/9/2014
STATUS: Vested

USE UNITS

179 Cattle

SOURCE DESCRIPTION: Spring
MANNER OF USE: Stock-Watering
DIVERSION RATE: 0.0055 CFS
ALLOWED DUTY: AFA
PERIOD OF USE: 05/01-02/29

GIS PARCEL DATA

A.P.N. 004-211-03, CHURCHILL COUNTY
UNITED STATES OF AMERICA

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index

- Township Range Grid
- Hydrographic Basins

Existing Navy Lands
- Withdrawan
- Non Federal
- Navy Owned

Proposed Navy Lands
- Proposed Withdrawal Expansion
- Non Federal

Point of Diversion Manner of Use

- As Decreed
- Commercial
- Domestic
- Environmental
- Industrial
- Irrigation
- Mining & Milling
- Municipal
- Other
- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

R|O Anderson

VESTED: V10057

Product of R.O. Anderson Engineering, Inc. -=- Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_Vested_Maps.mxd -=- GIS Specilist: Eric Herron -=- Publication Date: 10/5/2019 10:46:34 AM

AMENDED Application No. V10057

STATE OF NEVADA

PROOF OF APPROPRIATION OF WATER FOR STOCK WATERING OR WILDLIFE PURPOSES

(1) Name of claimant Mike and Barbara Stremler V 10057

P. O. Box 1098 (Street Address or PO Box) of Winnemucca (City or Town)

Nevada 89446 (State and ZIP Code)

(2) Source of water Dixie Meadows Hot Spring (Name of natural water source)

(3) The water is diverted by:
Natural channel
(Dam, ditch, pipe line, natural channel, spring area, etc.)

RECEIVED 2014 JUN -6 PM 1:02 STATE ENGINEERS OFFICE

(4) The water is diverted at the following point(s):
SW¼ SE¼ Section 5 T. 22 N., R. 35 E., M. D. B. &M., or at a point from which the SE corner of Section 36, T. 24 N., R. 35 E., M. D. B. &M. bears N 32° 27' 45.5" E, a distance of 44,033.40 feet.

Describe as being within a 40-acre subdivision of public survey, and by course and distance to a section corner. If on unsurveyed land it should be stated. Diversion over a channel reach must be described by course and distance to a section corner for both the beginning and end of such.

(5) The water is impounded in Natural channel (Troughs, tanks, pools, reservoir, natural channel, etc.)

(6) The construction of the ditch or other works was begun 1872 (Date) and completed unknown (Date)

(7) The nature of the claimant's title to the land upon which the source of water and place of use are located is:
See Chain of Title in File V01933. Grazing permit. Property tax assessment dated December 31, 1872 in Humboldt County; C. A. Kyle (Kyle Ranches).

(Patented, deeded, public domain with grazing permit, etc.)

(8) The claimant's water right was recorded in the office of the County Recorder of Humboldt County, at Page 195 of Book 27 of _____

NOTE - Failure to record in the county in no way invalidates a water right, but if water right was so recorded, supply full information under (8).

(9) The approximate number of animals watered by the claimant during the first year 1872 (Date)

was 7,000 cattle _____ horses 33,000 sheep or wildlife (describe) _____

The watering was conducted during each of the following months:
January 1 through December 31.

(10) The approximate number of animals watered by the claimant in subsequent years was as follows:
300 head of cattle.

If water was not used, or used in reduced quantity at any time, full information as to causes and duration of non-use should be given.

(11) The amount of water which has been necessary to be diverted for this purpose has been

0.0055 cubic feet per second.

448.83 gallons per minute equals 1 cubic foot per second

(12) The works are located at:
SW¼ SE¼ Section 5 T. 22 N., R. 35 E., M. D. B. &M.

Describe as being within a 40-acre subdivision, section, township and range of public survey. If on unsurveyed land, it should be stated.

Remarks
The entire Chain of Title is contained in File V 01933

The undersigned, being first duly sworn, deposes and says that the facts relative to the appropriation of water by Mike and Barbara Stremler are full and correct to the best of his/her knowledge and belief.
The claimants above have given Sam E. Monteleone the authority to act as their agent in filing this Proof.

If proof is not made by claimant, deponent should state on this line by virtue of what authority he/she represents the claimant.

Mike and Barbara Stremler
Name of Claimant

By Sam E. Monteleone

Telephone No. (775) 635-5445

Sam E. Monteleone
2426 Haida Court
Reno, Nevada 89506-9118
Telephone No. (775) 843-4419

State of Nevada
County of Carson City

Subscribed and sworn to before me on Jan 9, 2014

by Sam E. Monteleone

Susan Cox
Signature of Notary Public Required

SUSAN COX
NOTARY PUBLIC
STATE OF NEVADA
No. 05-95369-12 My Appt. Exp. April 11, 2017

Notary Stamp or Seal Required

Revised 07/13 - POA

$60 FILING FEE MUST ACCOMPANY PROOF

State of Nevada
Division of Water Resources

Site Search

Permit Information

New Search

App/Permit: V10057
Status: VESTED RIGHT
Certificate: None

General | Maps & Due Dates | Place of Use | Abrogations/Protests/Rulings | Ownership and Title

Current Ownership Information

(NOTE: Owner names shown here are standardized for retreival purposes only. Verify legal names before submitting any new documentation.)

Owner	Type	Div Rate	Duty	Acres	Change By	APN	County	Description
STREMLER, MIKE AND BARBARA	B	0	0	0				

Confirmed By:
Effective Date:

Original Owners

Owner
STREMLER, MIKE AND BARBARA

Remarks

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

VESTED RIGHT V10065

BASIN: Dixie Valley (128) **COUNTY:** Churchill

LATITUDE: 39.777778 **LONGITUDE:** -118.070556

OWNERSHIP:	Stremler, Mike and Barbara
PRIORITY DATE:	01/01/1880
SOURCE DESCRIPTION:	SPR
POINT OF DIVERSION:	SW¼NW¼ Section 17, T.22N., R.35E., M.D.M.
MANNER OF USE:	STK
USE UNITS:	179 Cattle
PLACE OF USE:	SW¼NW¼ Section 17, T.22N., R.35E., M.D.M.
DIVERSION RATE:	0.0055 cfs
ALLOWED DUTY:	afa
PERIOD OF USE:	05/01-02/29
STATUS:	Vested
DUE DATES:	n/a
REMARKS:	Dixie Meadows Cold Spring
	No mapping on file with DWR

POD PARCEL:	Churchill County APN 004-211-03
POD PARCEL OWNER:	United States of America Department of the Navy
POU PARCEL:	Churchill County APN 004-211-03
POU PARCEL OWNER:	United States of America Department of the Navy

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

Vested Right V10065

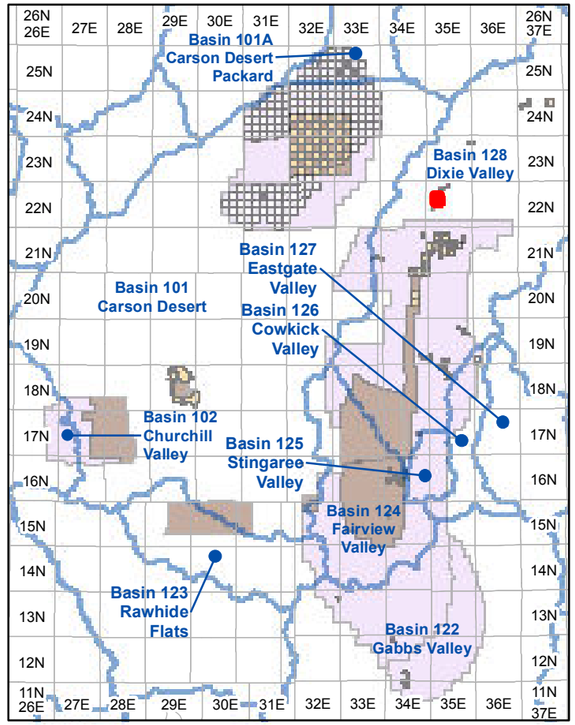
The current owner of Vested Right V10057 is Mike and Barbara Stremler. The vested right was filed, without mapping, in the office of the State Engineer on May 24, 2011. It has a priority date of January 1, 1880 with 0.0055 cfs permitted for stock watering purposes. The allowed period of use is from May 1 through February 29.

The point of diversion is located within the SW¼NW¼ Section 17, T.22N., R.35E., M.D.M. The permitted place of use is in the Dixie Valley Basin within Churchill County APN 004-211-03, which lands are now owned by the United States of America Department of Navy and is more specifically listed in the table below.

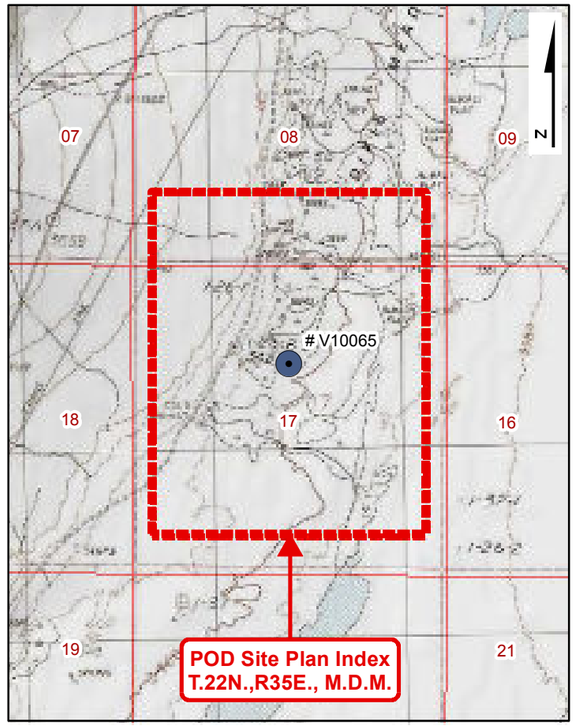
QQ	Q	Section	Township	Range	Units
SW	NW	17	22N	35E	179 Cattle

Vested Right V10065 is currently in good standing with the NDWR with no further action required.

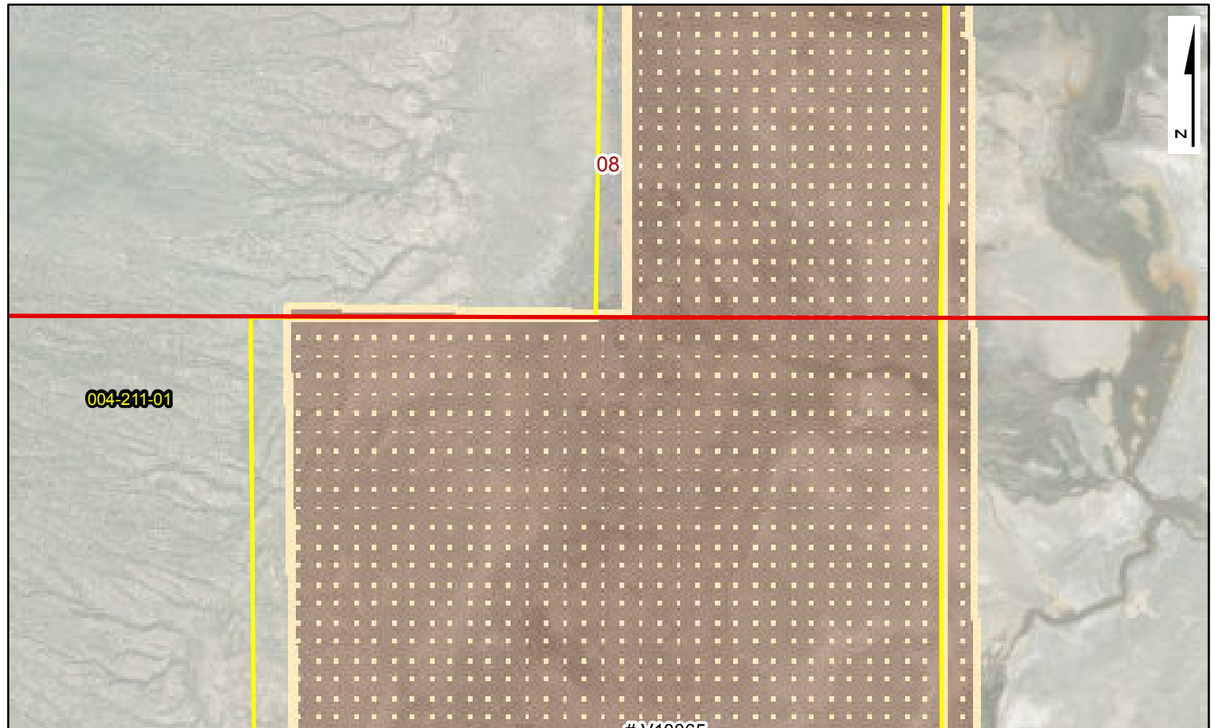
Product of R.O. Anderson Engineering, Inc. -=- Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_Vested_Maps.mxd -=- GIS Specilist: Eric Herron -=- Publication Date: 10/5/2019 10:46:36 AM



Township and Range Index
Scale: 1" = 20 Miles



USGS Quadmap Site Plan Index
Scale: 1" = 1/2 Mile



Point of Diversion Site Plan
Scale: 1" = 600'

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631

WATER RIGHTS RESEARCH INVENTORY SERVICES

VESTED: V10065

BASIN: Dixie Valley (128) — **COUNTY: Churchill**
LATITUDE: 39.777778 — **LONGITUDE: -118.070556**
POINT OF DIVERSION: SW1/4,NW1/4, Section 17, T.22N.,R35E., M.D.M.
PLACE OF USE (DWR Polygon ID): N/A
PERMIT LAND CATEGORY: Existing Lands Privately Held

OWNERSHIP

Stremler, Mike and Barbara

PRIORITY DATE: 1/1/1880
FILING DATE: 1/9/2014
STATUS: Vested

USE UNITS

179 Cattle

SOURCE DESCRIPTION: Spring
MANNER OF USE: Stock-Watering
DIVERSION RATE: 0.0055 CFS
ALLOWED DUTY: AFA
PERIOD OF USE: 05/01-02/29

GIS PARCEL DATA

A.P.N. 004-211-03, CHURCHILL COUNTY
UNITED STATES OF AMERICA

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index

- Township Range Grid
- Hydrographic Basins

Existing Navy Lands
- Withdrawan
- Non Federal
- Navy Owned

Proposed Navy Lands
- Proposed Withdrawal Expansion
- Non Federal

Point of Diversion Manner of Use

- As Decreed
- Commercial
- Domestic
- Environmental
- Industrial
- Irrigation
- Mining & Milling
- Municipal
- Other
- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

R|O Anderson

VESTED: V10065

AMENDED

Application No. V10065

STATE OF NEVADA

PROOF OF APPROPRIATION OF WATER FOR STOCK WATERING OR WILDLIFE PURPOSES

(1) Name of claimant Mike and Barbara Stremler V 10065

P. O. Box 1098 (Street Address or PO Box) of Winnemucca (City or Town)

Nevada 89446 (State and ZIP Code)

(2) Source of water Dixie Meadows Cold Spring (Name of natural water source)

(3) The water is diverted by:
Natural channel

(Dam, ditch, pipe line, natural channel, spring area, etc.)

(4) The water is diverted at the following point(s):
SW¼ NW¼ Section 17 T. 22 N., R. 35 E., M. D. B. &M., or at a point from which the SE corner of Section 36, T. 24 N., R. 35 E., M. D. B. & M. bears N 29° 25' 28.7" E, a distance of 51,625.30 feet.

RECEIVED
2014 JAN -9 PM 1:02
STATE ENGINEERS OFFICE

Describe as being within a 40-acre subdivision of public survey, and by course and distance to a section corner. If on unsurveyed land it should be stated. Diversion over a channel reach must be described by course and distance to a section corner for both the beginning and end of such.

(5) The water is impounded in Natural channel (Troughs, tanks, pools, reservoir, natural channel, etc.)

(6) The construction of the ditch or other works was begun 1872 (Date) and completed unknown (Date)

(7) The nature of the claimant's title to the land upon which the source of water and place of use are located is:
See Chain of Title in File V01933. Grazing permit. Property tax assessment dated December 31, 1872 in Humboldt County; C. A. Kyle (Kyle Ranches).

(Patented, deeded, public domain with grazing permit, etc.)

(8) The claimant's water right was recorded in the office of the County Recorder of Humboldt County, at Page 195 of Book 27 of _____

NOTE - Failure to record in the county in no way invalidates a water right, but if water right was so recorded, supply full information under (8).

(9) The approximate number of animals watered by the claimant during the first year 1872 (Date)

was 7,000 cattle _____ horses 33,000 sheep or wildlife (describe) _____

The watering was conducted during each of the following months:
January 1 through December 31.

(10) The approximate number of animals watered by the claimant in subsequent years was as follows:
300 head of cattle.

If water was not used, or used in reduced quantity at any time, full information as to causes and duration of non-use should be given.

(11) The amount of water which has been necessary to be diverted for this purpose has been

0.0055 cubic feet per second.

448.83 gallons per minute equals 1 cubic foot per second

(12) The works are located at:
SW¼ NW¼ Section 17 T. 22 N., R. 35 E., M. D. B. & M.

Describe as being within a 40-acre subdivision, section, township and range of public survey. If on unsurveyed land, it should be stated.

Remarks
The entire Chain of Title is contained in File V 01933

The undersigned, being first duly sworn, deposes and says that the facts relative to the appropriation of water by Mike and Barbara Stremler are full and correct to the best of his/her knowledge and belief.
The claimants above have given Sam E. Monteleone the authority to act as their agent in filing this Proof.

If proof is not made by claimant, deponent should state on this line by virtue of what authority he/she represents the claimant.

Mike and Barbara Stremler
Name of Claimant

By Sam E. Monteleone

Telephone No. (775) 635-5445

State of Nevada

County of Carson City

Subscribed and sworn to before me on Jan 9, 2014

by Sam E. Monteleone

Signature of Notary Public Required

Sam E. Monteleone
2426 Haida Court
Reno, Nevada 89506-9118

Telephone No. (775) 843-4419

SUSAN COX
NOTARY PUBLIC
STATE OF NEVADA
No. 05-95399-12 My Appt. Exp. April 11, 2017

Notary Stamp or Seal Required

Revised 07/13 - POA

$60 FILING FEE MUST ACCOMPANY PROOF

State of Nevada
Division of Water Resources

Site Search

Permit Information

New Search

App/Permit: V10065
Status: VESTED RIGHT
Certificate: None

General | Maps & Due Dates | Place of Use | Abrogations/Protests/Rulings | Ownership and Title

Current Ownership Information

(NOTE: Owner names shown here are standardized for retreival purposes only. Verify legal names before submitting any new documentation.)

Owner	Type	Div Rate	Duty	Acres	Change By	APN	County	Description
STREMLER, MIKE AND BARBARA	B	0	0	0				

Confirmed By:
Effective Date:

Original Owners

Owner
STREMLER, MIKE AND BARBARA

Remarks

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

VESTED RIGHT V10206

BASIN: Dixie Valley (128) **COUNTY:** Churchill

LATITUDE: 39.683333 **LONGITUDE:** -118.041944

OWNERSHIP:	Casey, Michael A. & Claudia C.
PRIORITY DATE:	01/01/1878
SOURCE DESCRIPTION:	UG
POINT OF DIVERSION:	SW¼SE¼ Section 15, T.21N., R.35E., M.D.M.
MANNER OF USE:	STK
USE UNITS:	1500 cattle
PLACE OF USE:	SW¼SE¼ Section 15, T.21N., R.35E., M.D.M.
DIVERSION RATE:	0.046 cfs
ALLOWED DUTY:	33.60 afa
PERIOD OF USE:	01/01-12/31
STATUS:	Vested
DUE DATES:	n/a
REMARKS:	Herman Well aka Shaw Well No map on file with DWR

POD PARCEL:	Churchill County APN No. 003-851-18
POD PARCEL OWNER:	Bureau of Land Management
POU PARCEL:	Churchill County APN No. 003-851-18
POU PARCEL OWNER:	Bureau of Land Management

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

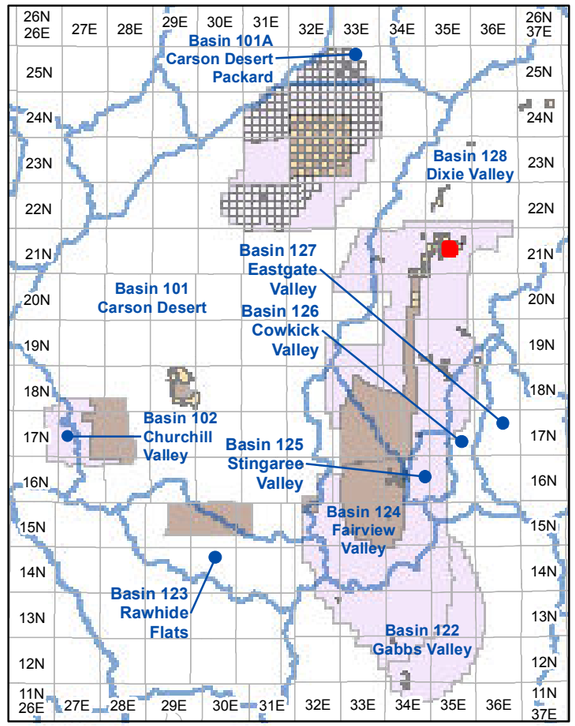
Vested Right V10206

The current owner of Vested Right V1020 is Michael A. and Claudia C. Casey. The vested right was filed in the office of the State Engineer on January 27, 2012. It has a priority date of January 1, 1878 and an allowed diversion rate of 0.046 CFS. The permitted manner of use is for stock-watering purposes. The allowed period of use is from January 1 through December 31.

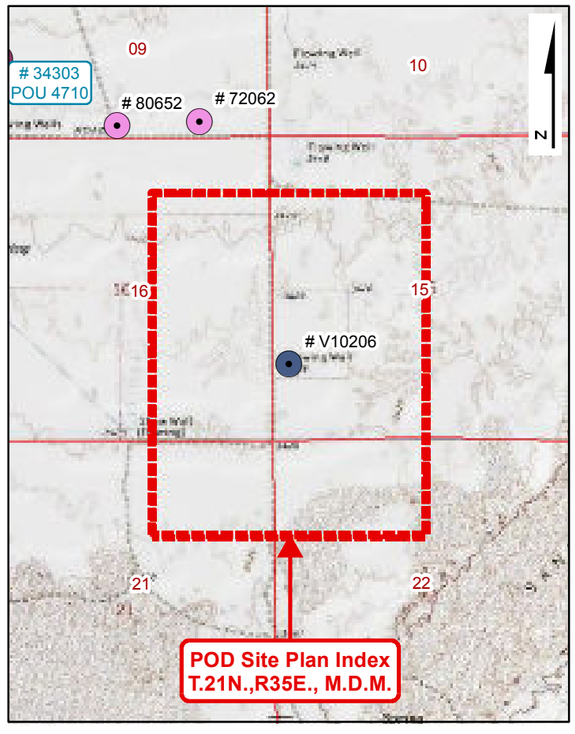
The point of diversion is located within the SW¼SE¼ Section 15, Township 21N, Range 35E, MDM. The permitted place of use is in the Dixie Valley Basin within Churchill County APN 003-851-18 under the ownership of United States of America Naval Air Station - Fallon and is more specifically listed in the table below.

QQ	Q	Section	Township	Range	Units
SW	SE	15	21N	35E	1500 cattle

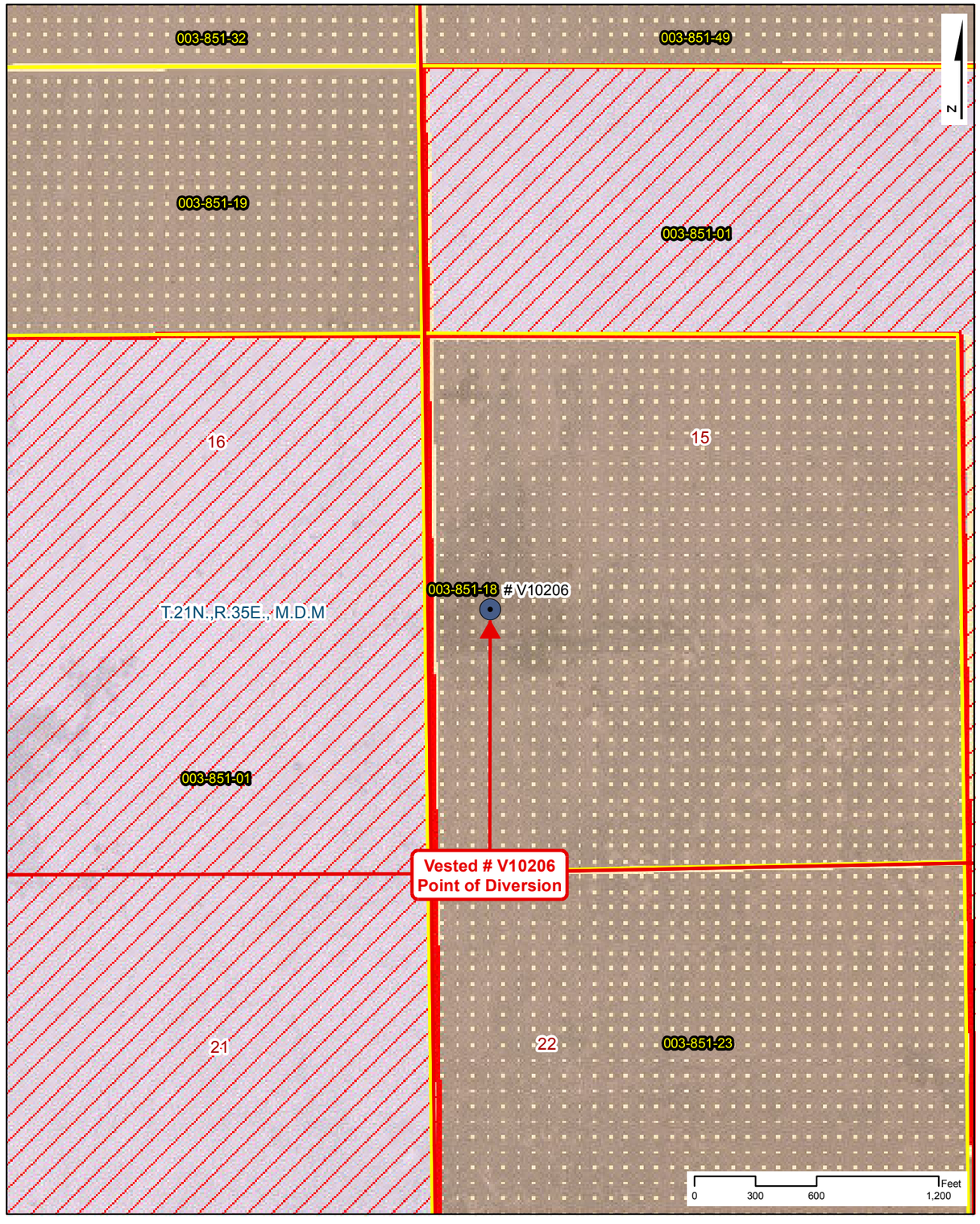
Vested Right V10206 is currently in good standing with the NDWR with no further action required.



Township and Range Index
Scale: 1" = 20 Miles



USGS Quadmap Site Plan Index
Scale: 1" = 1/2 Mile



Point of Diversion Site Plan
Scale: 1" = 600'

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH INVENTORY SERVICES

VESTED: V10206

BASIN: Dixie Valley (128) — **COUNTY: Churchill**
LATITUDE: 39.683333 — **LONGITUDE: -118.041944**
POINT OF DIVERSION: NW1/4,SW1/4, Section 15, T.21N.,R35E., M.D.M.
PLACE OF USE (DWR Polygon ID): N/A
PERMIT LAND CATEGORY: Existing Lands Privately Held

OWNERSHIP
Casey, Michael A. & Claudia C.

PRIORITY DATE: 1/1/1878
FILING DATE: 1/27/2012
STATUS: Vested

USE UNITS
1500 Cattle

SOURCE DESCRIPTION: Underground
MANNER OF USE: Stock-Watering
DIVERSION RATE: 0.046 CFS
ALLOWED DUTY: AFA
PERIOD OF USE: 01/01-12/31

GIS PARCEL DATA
A.P.N. 003-851-18, CHURCHILL COUNTY
UNITED STATES OF AMERICA

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index
- Township Range Grid
- Hydrographic Basins

Existing Navy Lands
- Withdrawan
- Non Federal
- Navy Owned

Proposed Navy Lands
- Proposed Withdrawal Expansion
- Non Federal

Point of Diversion Manner of Use
- As Decreed
- Commercial
- Domestic
- Environmental
- Industrial
- Irrigation
- Mining & Milling
- Municipal
- Other
- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

R|O Anderson

VESTED: V10206

Product of R.O. Anderson Engineering, Inc. -=- Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_Vested_Maps.mxd -=- GIS Specilist: Eric Herron -=- Publication Date: 10/5/2019 10:46:40 AM

Application No. 010206

STATE OF NEVADA

PROOF OF APPROPRIATION OF WATER FOR STOCK WATERING OR WILDLIFE PURPOSES

(1) Name of claimant Michael A. & Claudia C. Casey

53603 Austin HWY (Street Address or PO Box) of Fallon (City or Town)

Nevada 89406 (State and ZIP Code)

(2) Source of water Hermon Well AKA Shaw Well (Name of natural water source)

(3) The water is diverted by: 4" Dia. flowing well (Dam, ditch, pipe line, natural channel, spring area, etc.)

(4) The water is diverted at the following point(s): SW SE, Sec. 16, T21N R35E, MDBM, or at a point from which the S½ of Sec. 16, T21N R35E, MDBM, bears S 37°58'W, a distance of 160.13'. See 1931 map 11806-9319.

Describe as being within a 40-acre subdivision of public survey, and by course and distance to a section corner. If on unsurveyed land it should be stated. Diversion over a channel reach must be described by course and distance to a section corner for both the beginning and end of such.

(5) The water is impounded in Pools (Troughs, tanks, pools, reservoir, natural channel, etc.)

(6) The construction of the ditch or other works was begun 1930 (Date) and completed 1931 (Date)

(7) The nature of the claimant's title to the land upon which the source of water and place of use are located is Patent Lands, Range Allotments, 1878 tax assessment records in Churchill County.

(Patented, deeded, public domain with grazing permit, etc.)

(8) The claimant's water right was recorded in the office of the County Recorder of Churchill County, at Page 38 of Book 15 of _____

NOTE - Failure to record in the county in no way invalidates a water right, but if water right was so recorded, supply full information under (8).

(9) The approximate number of animals watered by the claimant during the first year 1878 (Date) was _____ cattle _____ horses 2000 sheep or wildlife (describe) _____

The watering was conducted during each of the following months: 1-1 to 12-31

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2012 JAN 27 PM 4:24
STATE ENGINEERS OFFICE

Revised 07/09 - POA

123-C4

(10) The approximate number of animals watered by the claimant in subsequent years was as follows:

1,500 head of cattle

If water was not used, or used in reduced quantity at any time, full information as to causes and duration of non-use should be given.

(11) The amount of water which has been necessary to be diverted for this purpose has been

0.0464 cubic feet per second.

448.83 gallons per minute equals 1 cubic foot per second

(12) The works are located at: SW SE, Sec. 16, T21N R35E, MDBM

Describe as being within a 40-acre subdivision, section, township and range of public survey. If on unsurveyed land, it should be stated.

Remarks

Warren W. Williams was located in Edwards Creek Valley prior to 1878. His house/ranch was located on the E 1/2 of SE, Section 5, T19N R37E, MDBM, and named on the General Land Office Survey Map, approved 11/28/1879. Assessor's records of 1883 state W.W. Williams had 4,000 head of sheep.

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2012 JAN 27 PM 4:24
STATE ENGINEERS OFFICE

The undersigned, being first duly sworn, deposes and says that the facts relative to the appropriation of water by _____ are full and correct to the best of his/her knowledge and belief.

If proof is not made by claimant, deponent should state on this line by virtue of what authority he/she represents the claimant.

Michael A Casey
Name of Claimant

By Michael A Casey

Telephone No. 775-423-6019

RECEIVED
2012 JAN 26 PM 1:24
STATE ENGINEERS OFFICE

Telephone No. _____

Subscribed and sworn to before me this 26th day of January, 20 12

Ronda Plamondon
Notary Public in and for the County of Churchill

RONDA PLAMONDON
Notary Public-State of Nevada
APPT. NO. 93-5220-4
My App. Expires June 03, 2013

My commission expires 6/3/2013

Revised 07/09 - POA

$50 FILING FEE MUST ACCOMPANY PROOF



Site Search

Permit Information

New Search

App/Permit: V10206
Status: VESTED RIGHT
Certificate: None

General | Maps & Due Dates | Place of Use | Abrogations/Protests/Rulings | Ownership and Title

Current Ownership Information

(NOTE: Owner names shown here are standardized for retreival purposes only. Verify legal names before submitting any new documentation.)

Owner	Type	Div Rate	Duty	Acres	Change By	APN	County	Description
CASEY, MICHAEL A AND CLAUDIA C	B	0	0	0				

Confirmed By:
Effective Date:

Original Owners

Owner
CASEY, MICHAEL A AND CLAUDIA C

Remarks