



THE STATE OF NEVADA

PERMIT TO CHANGE THE PUBLIC WATERS OF THE STATE OF NEVADA HERETOFORE APPROPRIATED

Name of Permittee: UNITED STATES OF AMERICA,
FISH AND WILDLIFE SERVICE

Source: SPRING (BIG SPRING)

Basin: AMARGOSA DESERT

Manner of Use: WILDLIFE

Period of Use: JANUARY 1ST THROUGH DECEMBER 31ST

Priority Date: 03/08/1927

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 and manner of use of a portion of the waters of Big Spring as heretofore granted under Permit 69666, is issued subject to the terms and conditions imposed in said Permit 69666 and with the understanding that no other rights on the source will be affected by the change proposed herein. The State reserves the right to regulate the use of the water herein granted at any and all times. A measuring method must be approved in conjunction with the filing of the proof of completion of work, and measurements of water use kept.

Monthly records shall be kept of the amount of water diverted from this source and the records submitted to the State Engineer on a quarterly basis within 15 days after the end of each calendar quarter.

It is understood that the amount of water wherein granted is limited to the amount of water actually produced by the spring, and no rights in excess of that amount are implied or inferred.

This permit is subject to the condition that the permittee must ensure that wildlife which have customarily used such water will have access thereto, NRS 533.367.

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 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 0.08 cubic feet per second or 30.0 acre-feet annually.

Work must be prosecuted with reasonable diligence and proof of completion of work shall be filed on or before:

February 24 2019

Water must be placed to beneficial use and proof of the application of water to beneficial use shall be filed on or before:

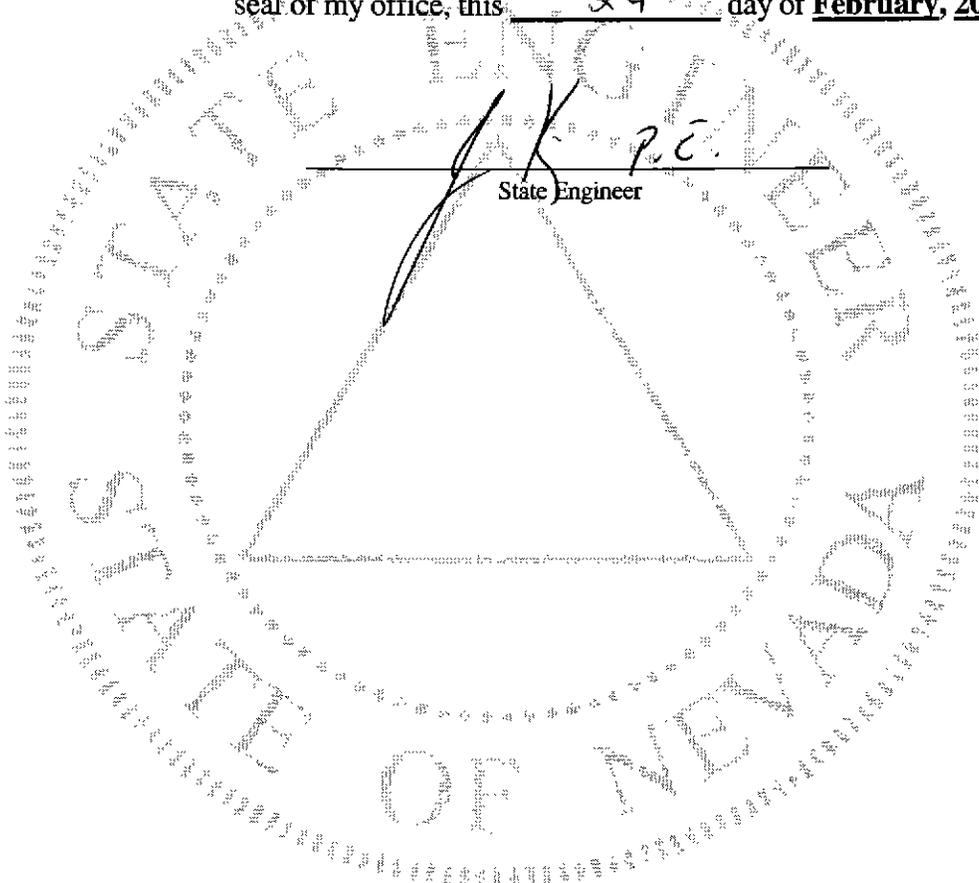
February 24 2022

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 24th day of February, 2017



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

THIS SPACE FOR OFFICE USE ONLY

Date of filing in State Engineer's Office MAY 05 2016

Returned to applicant for correction MAY 13 2016

Corrected application filed _____ Map filed July 5, 1934 Under 8025

The applicant United States of America, Fish and Wildlife Service
1020 New River Parkway, Suite 305 of Fallon
Street Address or PO Box City or Town
Nevada, 89406 hereby make(s) application for permission to change the
State and ZIP Code

- Point of diversion Place of use Manner of use of a portion

of water heretofore appropriated under (Identify existing rights by Permit, Certificate, Proof or Claim Nos. If Decreed, give title of Decree and identify right in Decree.)

Permit 69666

STATE ENGINEERS OFFICE
2016 MAY 11 11:23 AM

7/14/16
5-11-2016
SCG

1. The source of water is Big Spring
Name of stream, lake, underground, spring or other sources.
2. The amount of water to be changed 0.08 cfs, or 30.00 acre-feet annually
Second feet, acre-feet. One second foot equals 448.83 gallons per minute.
3. The water to be used for Wildlife
Irrigation, power, mining, commercial, etc. If for stock, state number and kind of animals. Must limit to one major use
4. The water heretofore used for Mining and Milling
If for stock, state number and kind of animals.
5. The water is to be diverted 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 stated.)
SW1/4 NE1/4, Section 19, Township 18 South, Range 51 East, MDBM, or at a point which bears North 39 degrees, 24 minutes East 4,613 feet from the Southwest corner of said Section 19. See supporting map filed for Permit 8025.
6. The existing point of diversion is located within (If point of diversion is not changed, do not answer)

14-230
Nyg

7. Proposed place of use (Describe by legal subdivisions. If for irrigation, state number of acres to be irrigated.)

Ash Meadows National Wildlife Refuge. See Attachment A and the supporting map filed for Permit 62294.

8. Existing place of use (Describe by legal subdivisions. If changing place of use and/or manner of use of irrigation permit, describe acreage to be removed from irrigation.)

SE 1/4 SW 1/4, Section 24, and NE 1/4 NW 1/4 and NW 1/4 NE 1/4, Section 25, Township 18 South, Range 50 East, MDBM. See supporting maps filed for Permit 69666.

9. Proposed use will be from January 1 to December 31 of each year.
Month and Day Month and Day

10. Existing use permitted from January 1 to December 31 of each year.
Month and Day Month and Day

11. Description of proposed works. (Under the provision 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, pipes and flumes or drilled well, pump and motor, etc.)

No new works are proposed. Spring discharge measurements are taken on a quarterly basis using the midsection method in the spring's outflow channel. Measurements are made with a portable SonTek FlowTracker Acoustic Velocity Meter.

12. Estimated cost of works \$0

13. Estimated time required to construct works Not applicable

If well completed, describe well.

14. Estimated time required to complete the application of water to beneficial use 5 years

15. 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.)

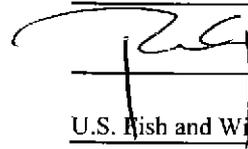
This application seeks a non-consumptive, instream use of water in natural outflows and channels within Ash Meadows National Wildlife Refuge.

16. Miscellaneous remarks:

Richard Grimes@fws.gov
E-mail Address
(775) 423-5128 225
Phone No. Ext.

APPLICATION MUST BE SIGNED
BY THE APPLICANT OR AGENT

Richard Grimes, Supervisory Realty Specialist

 Type or print name clearly
Signature, applicant or agent
U.S. Fish and Wildlife Service

Company Name
1020 New River Parkway, Suite 305
Street Address or PO Box
Fallon, NV 89406
City, State, ZIP Code

STATE ENGINEERS OFFICE
2016 NOV 24 11:53

ASH MEADOWS NATIONAL WILDLIFE REFUGE
 Nye County, Nevada
 Mount Diablo Meridian
 Lands within Approved Boundary

T. 17 S., R. 50 E.

Section 9 Lots 7 and 8, SE $\frac{1}{4}$ NE $\frac{1}{4}$, NE $\frac{1}{4}$ SE $\frac{1}{4}$, S $\frac{1}{4}$ SE $\frac{1}{4}$;
 10 S $\frac{1}{4}$;
 12 NE $\frac{1}{4}$ NE $\frac{1}{4}$;
 15 All;
 16 All;
 17 E $\frac{1}{4}$ E $\frac{1}{4}$;
 19 SE $\frac{1}{4}$ SE $\frac{1}{4}$;
 20 E $\frac{1}{4}$, S $\frac{1}{4}$ SW $\frac{1}{4}$;
 21 All;
 22 All;
 23 Lots 3 and 4, W $\frac{1}{4}$ NW $\frac{1}{4}$;
 26 S $\frac{1}{4}$;
 27 All;
 28 All;
 29 All;
 30 E $\frac{1}{4}$ E $\frac{1}{4}$;
 32 E $\frac{1}{4}$, E $\frac{1}{4}$ W $\frac{1}{4}$;
 33 All;
 34 All;
 35 All;
 36 W $\frac{1}{4}$, S $\frac{1}{4}$ SE $\frac{1}{4}$;

T. 17 S., R. 51 E.

Section 31 Lot 4, SE $\frac{1}{4}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ SW $\frac{1}{4}$, E $\frac{1}{4}$ SE $\frac{1}{4}$, SW $\frac{1}{4}$ SE $\frac{1}{4}$;
 32 S $\frac{1}{4}$ NW $\frac{1}{4}$, SW $\frac{1}{4}$;

T. 18 S., R. 50 E.

Section 1 All;
 2 All;
 3 All;
 4 All;
 9 E $\frac{1}{4}$, NW $\frac{1}{4}$;
 10 All;
 11 All;
 12 All;
 13 All;
 14 All;
 15 All;
 16 E $\frac{1}{4}$ E $\frac{1}{4}$;
 23 All;
 24 All;
 25 N $\frac{1}{4}$;
 26 NE $\frac{1}{4}$;

T. 18 S., R. 51 E.

Section 5 All;
 6 All;
 7 All;
 8 All;
 17 W $\frac{1}{4}$ E $\frac{1}{4}$, W $\frac{1}{4}$;
 18 All;
 19 All;
 20 W $\frac{1}{4}$ E $\frac{1}{4}$, W $\frac{1}{4}$;
 29 W $\frac{1}{4}$ NE $\frac{1}{4}$, NW $\frac{1}{4}$;
 30 N $\frac{1}{4}$.

STATE ENGINEERS OFFICE
 2010/07/27
 11:00 AM