

[illegible]

Method of Determination: Trough visible on GIS Imagery.

Change in POU? ____Y__X__N Amendment Required? ____Y__X__N

__ Delivery System Diagram Attached (required). Indicate all major components and distances between components.

Indicate weir size/pipe as applicable.

__ Aerial Photo Attached (required for irrigation of 10+ acres).

__ Photo of Diversion and System Attached

4. Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size

*Code to correspond with No. on map and aerial photo

D. FLOW MEASUREMENTS

1.Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date

2. Measurements: < _____ >

E. FLOW CALCULATIONS

____Additional Computation Sheets Attached

Measured Method:

Recommendation of Application Processing Memo #3 for 801 - 900 head = 0.20

Permit allowed = 0.20 cfs**License recommend for 0.20 cfs.****F. VOLUME CALCULATIONS**

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \underline{\hspace{2cm}}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = \underline{\hspace{2cm}}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = \underline{\hspace{2cm}}$$

2. Volume Calculations for Other Uses:

Per Application Processing Memo #3, sec. 3

$$825 \times 0.0134 = 11.1 \text{ afa}$$

Per Application Processing Memo #3 – 801-900 head, 12.0 afa

- **License recommend for 11.1 afa for stockwater use****G. PURPOSE OF USE**

Irrigation ____N # Stock__825 cattle____ Domestic # of Homes ____

Other: Wildlife

Change in Purpose of Use? ☐ Y ☒ N

Method of Determination: troughs on imagery

If Yes: From Use _____ To Use _____ Amount _____ CFS _____ AFA _____

H. NARRATIVE/REMARKS/COMMENTS

Known as Alkali Spring Project # 8522

Source locally known as Alkali Spring

Measuring Device and lockable controlling works required on POD.

- ☐ Watermaster Letter received exempting permit requirement. Request change to "Upon Request"
- ☐ Substituted Condition R43 with Conditions 01P and 01R

Have conditions of permit approval been met? ☒ Yes ☐ No**I. RECOMMENDATIONS****1. Recommended Amounts**

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
Stockwater	01/01 to 12/31	0.2 CFS	11.1 AFA
Wildlife	01/01 to 12/31	0.2 CFS	11.1 AFA
<u>Totals:</u>		0.2 CFS	11.1 AFA

2. Recommended Amendments☒ Change P.D. as reflected above ☐ Add P.D. as reflected above ☐ None☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☒ None

Other:

J. AUTHENTICATIONField Examiner's Name Janice [Signature] Date 12-03-13Reviewer David A. [Signature] Date 2-3-13

57-7692



0 50 100 200 300 400 Feet

D. Favreau

11/19/13

SENW

SWNE

33

02S04W

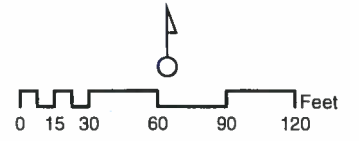
NESW

NWSE

SESW

SWSE

57-7692



D. Favreau

11/19/13

NESW

33

02S04W

NWSE

Alkali Spring (08522)

Water Right # 57-075667

T. 2 s., R. 4 w., Sec. 33

1 Collection Headbox

1Trough

Spring Excluded

No Measuring Device

No Head Gate

WR#
57-7692

Alkali Spring (08522)
Water Right # 57-075607
T. 2s R. 04w Sec. 33

542

33

HeadBox
UTM 514719.089 N 4783542.24 E Meters

Trough
UTM 514776.239 N 4783561.29 E Meters

Exclosure
UTM 514738.139 N 4783548.59 E Meters

67

5455 X

0 0.005 0.010 0.015 Miles





