

[illegible]

Method of Determination: Dam and Pond visible on 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:

Instream Diversion, no flow measurement required.

Permit allowed = <>.

License <>.

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:

2011& 2004 photography shows full surface area of pond

GIS area of pond = 0.3 acre. Per application: Dam height 5 ft. Per permit holder ave. pond depth = 3.5 ft. Volume of pond calculated as follows: (3.5 ft deep)(0.3 ac surface area) = 1.1 acre feet.

- Permit allows 0.3 afa
- License recommend for 0.3 afa

G. PURPOSE OF USE

Irrigation _____N # Stock_586 cattle___ Domestic # of Homes _____

Other: Wildlife

Change in Purpose of Use? ____Y__X__N

Method of Determination: Information provided by permit holder.

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

H. NARRATIVE/REMARKS/COMMENTS

DR Pothole Project 09072 White Horse Antelope Allotment 0541

Water District 57C

Lockable Device condition

Measuring Device condition

7 watermaster letter dated 12-10-13

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 Storage	01/01 to 12/31	0.0 CFS	0.3 AFA
Wildlife Storage	01/01 to 12/31	0.0 CFS	0.3 AFA
<u>Totals:</u>		0.0 CFS	0.3 AFA

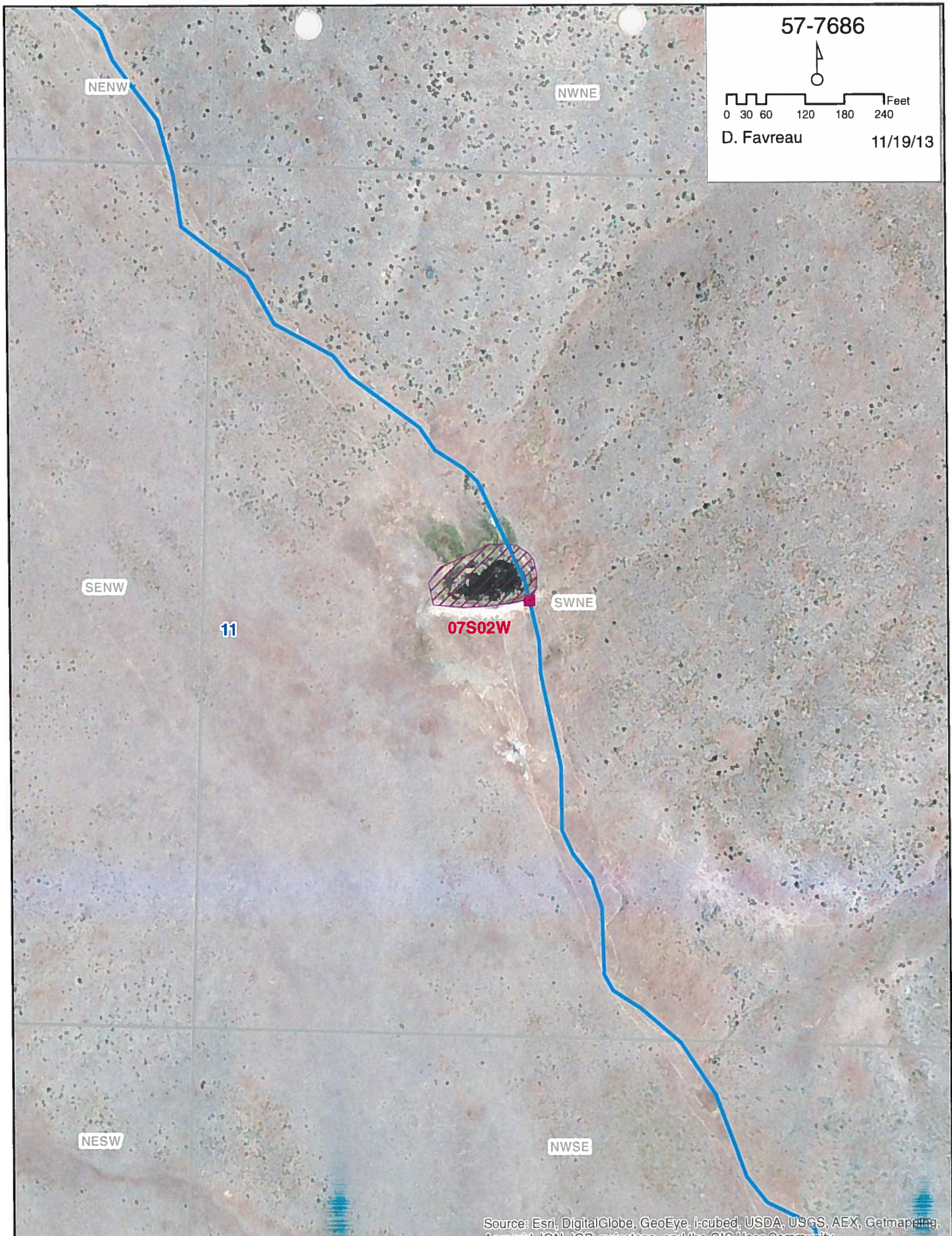
2. Recommended Amendments

____Change P.D. as reflected above ____Add P.D. as reflected above __X__None

____Change P.U. as reflected above ____Add P.U. as reflected above __X__None

Other:

J. AUTHENTICATIONField Examiner's Name Danella Farnsworth Date 11-20-13Reviewer Daniel A. Meln Date 12-13-2013



57-7686



0 30 60 120 180 240 Feet

D. Favreau

11/19/13

NENW

NWNE

SENW

11

07S02W

SWNE

NESW

NWSE

DR Pothole (09072)

Water Right # 57-07686

T. 7 s., R. 2 w., Sec. 11

1 Reservoir

Average Depth 3.5 ft.

No Measuring Device

No Head Gate

RD Pothole (09073)
Water Right # 57-07687
DR Pothole (09072)
Water Right # 57-07686
T. 7 s., R. 2 w., Sec. 11

RD Pothole
537449.083 N 4742726.1 E Meters

DR Pothole
537726.896 N 4742342.453 E Meters

