

APR 17 2006

DEPARTMENT OF WATER RESOURCES

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No. 31-07567

1. Owner: Dee Lynn Wood Phone No. 663 4448

Current Address: 1014 E 1500 W Montevideo Id 83435

2. Accompanied by: Dee Lynn Wood EXAM DATE: 9-20-2000

Address: _____ Phone No. _____

Relationship to Permit Holder: _____

3. Source: GROUNDWATER tributary to

B. OVERLAP REVIEW

1. Other water rights with the same place of use: None

2. Other water rights with the same point of diversion: NONE

C. DIVERSION AND DELIVERY SYSTEM

1. Point(s) of Diversion:

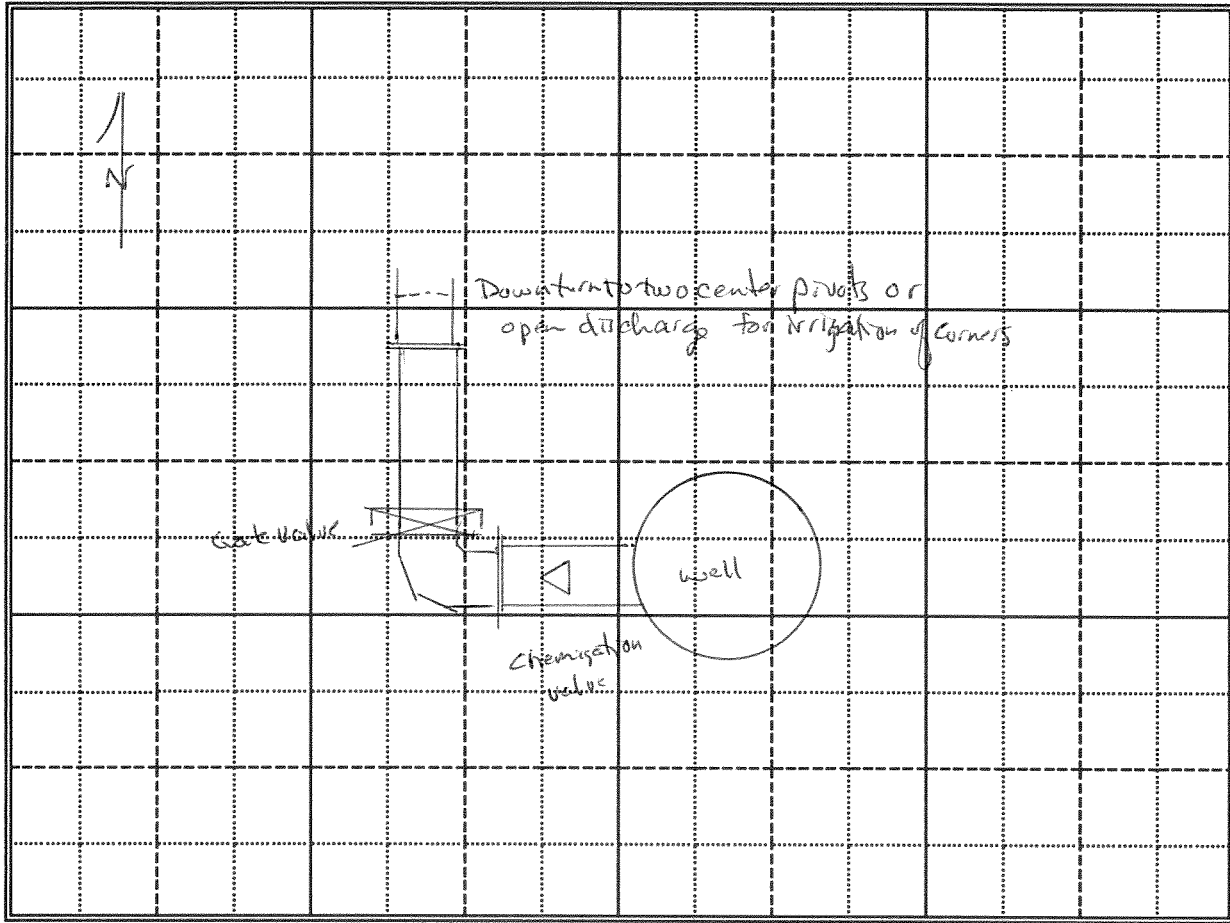
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2. Place(s) of Use:

Indicate Method of Determination

TWP	RGE	SEC	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
6N	34E	30					33	L-1 33	L-2 39	40	40	L-3 39	L-4 39	40					303
		31						L-1 6											6
																			309

3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable.



Scale: 1" = _____.

____ Copy of USGS Quadrange Attached Showing location(s) of point(s) of diversion and place(s) of use (required).

____ 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
A0001744 P630823 B	Johnson	350	1409096	Johnson	12"

*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
	Sonic	FUJI				

2. Measurements: Polysonic Q = 6.19

LOG NAME: **31-7567 Site #2**

START: 09-20-2000 14:20

END: 09-20-2000 14:25

INTERVAL:00:01:00

09-20-2000 14:20:00

+8.169E+0 ft/s

+2.756E+3 gal/m

+6.141E+0 ft3/s

+TOTAL 0000000 gal

-TOTAL 0000000 gal

NORMAL

09-20-2000 14:21:00

+8.114E+0 ft/s

+2.737E+3 gal/m

+6.100E+0 ft3/s

+TOTAL 0002720 gal

-TOTAL 0000000 gal

NORMAL

09-20-2000 14:22:00

+8.168E+0 ft/s

+2.756E+3 gal/m

+6.140E+0 ft3/s

+TOTAL 0005495 gal

-TOTAL 0000000 gal

NORMAL

09-20-2000 14:23:00

+8.122E+0 ft/s

+2.740E+3 gal/m

+6.105E+0 ft3/s

+TOTAL 0008262 gal

-TOTAL 0000000 gal

NORMAL

09-20-2000 14:24:00

+8.218E+0 ft/s

+2.773E+3 gal/m

+6.178E+0 ft3/s

+TOTAL 0011035 gal

-TOTAL 0000000 gal

NORMAL

09-20-2000 14:25:00

+8.230E+0 ft/s

+2.776E+3 gal/m

+6.186E+0 ft3/s

+TOTAL 0013812 gal

-TOTAL 0000000 gal

NORMAL

Site #2

MAXIMUM FLOW =

2776 Gpm

6.19 Cfs

31-07567

B. Contor

COLLINS WORKSHEET

SITE TAG A0001744
NAME

DATE 5/19/1999
ID

OD 37 3/4" / 12.02 THICKNESS .16 (assumed) D 11.7 IR 5.85
5 7/8

			up	down	sum	$V = \sqrt{gh}$			
A	0.051	.218	5/16	1.35	0.71	2.06	8.14		
B	0.163	.95	15/16	1.54	0.60	2.14	8.30		
C*	0.293	1.71	1 1/16	1.59	0.52	2.11	8.24		
D	0.453	2.65	2 5/8	1.55	0.53	2.08	8.18		
E	0.684	4.0	4.0	1.59	0.53	2.12	8.26		
F	1.316	7.70	7 1/16	1.95	0.85	2.80	9.49		
G	1.547	9.05	9 1/16	1.93	0.98	2.91	9.68		
H*	1.707	9.97	10	1.82	0.76	2.58	9.11		
I	1.837	10.75	10 3/4	2.08	0.16	2.24	8.49		
J	1.949	11.40	11 3/8	1.87	0.07	1.94	7.90		

$$\bar{V} = 8.58$$

$$35701 \times 80$$

$$3.66 \times 80 = 292.80 \text{ Kw}$$

$$L \times G = 32418796$$

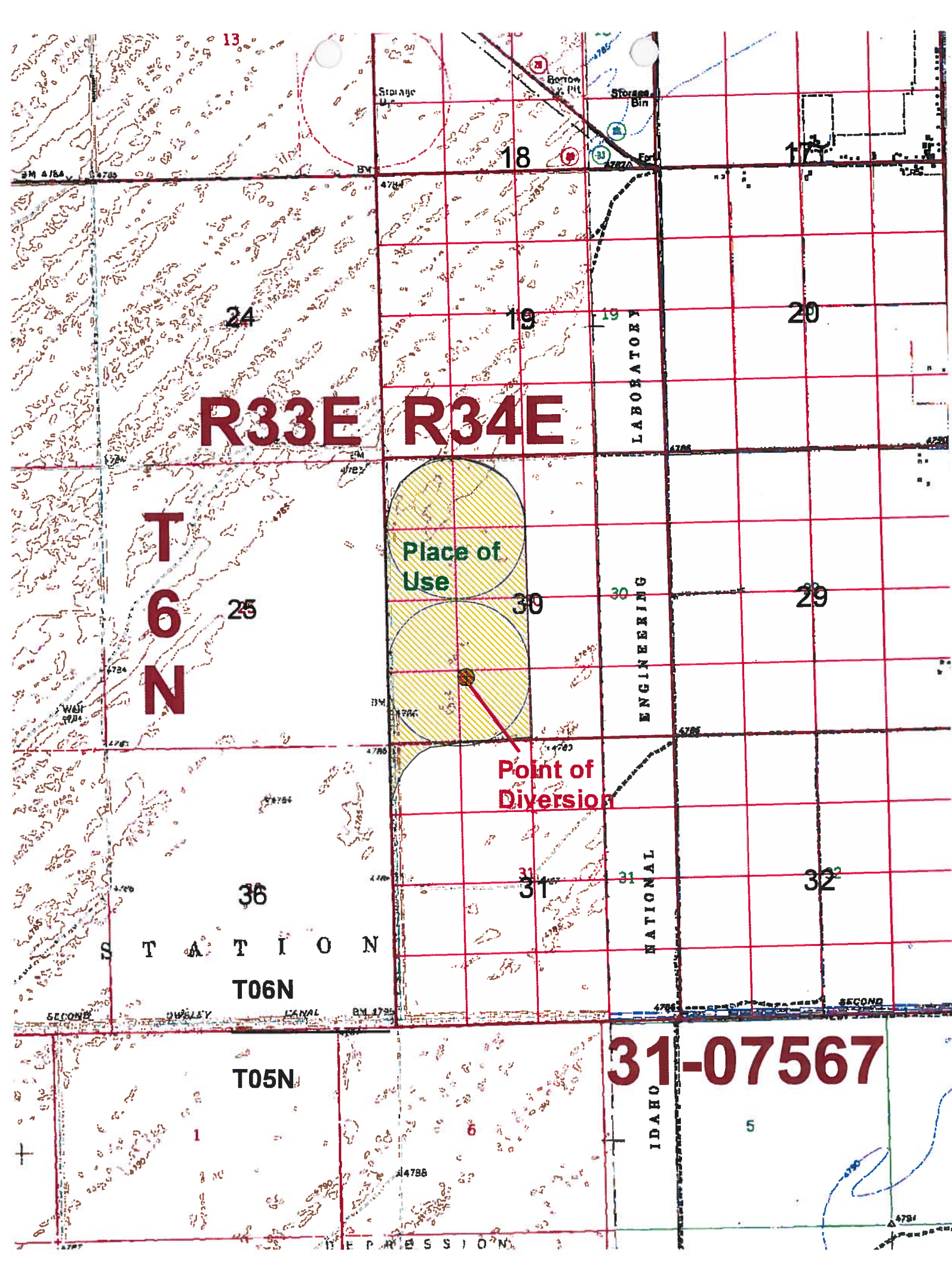
$$A = 0.747 \text{ ft}^2 \quad V = 8.58 \text{ ft/s} \quad Q = AV = 6.41 \text{ ft}^3/\text{s} = 28776 \text{ ppm}$$

$$N = 10 \quad T = (47.8 + 48.0 + 47.8) / 3$$

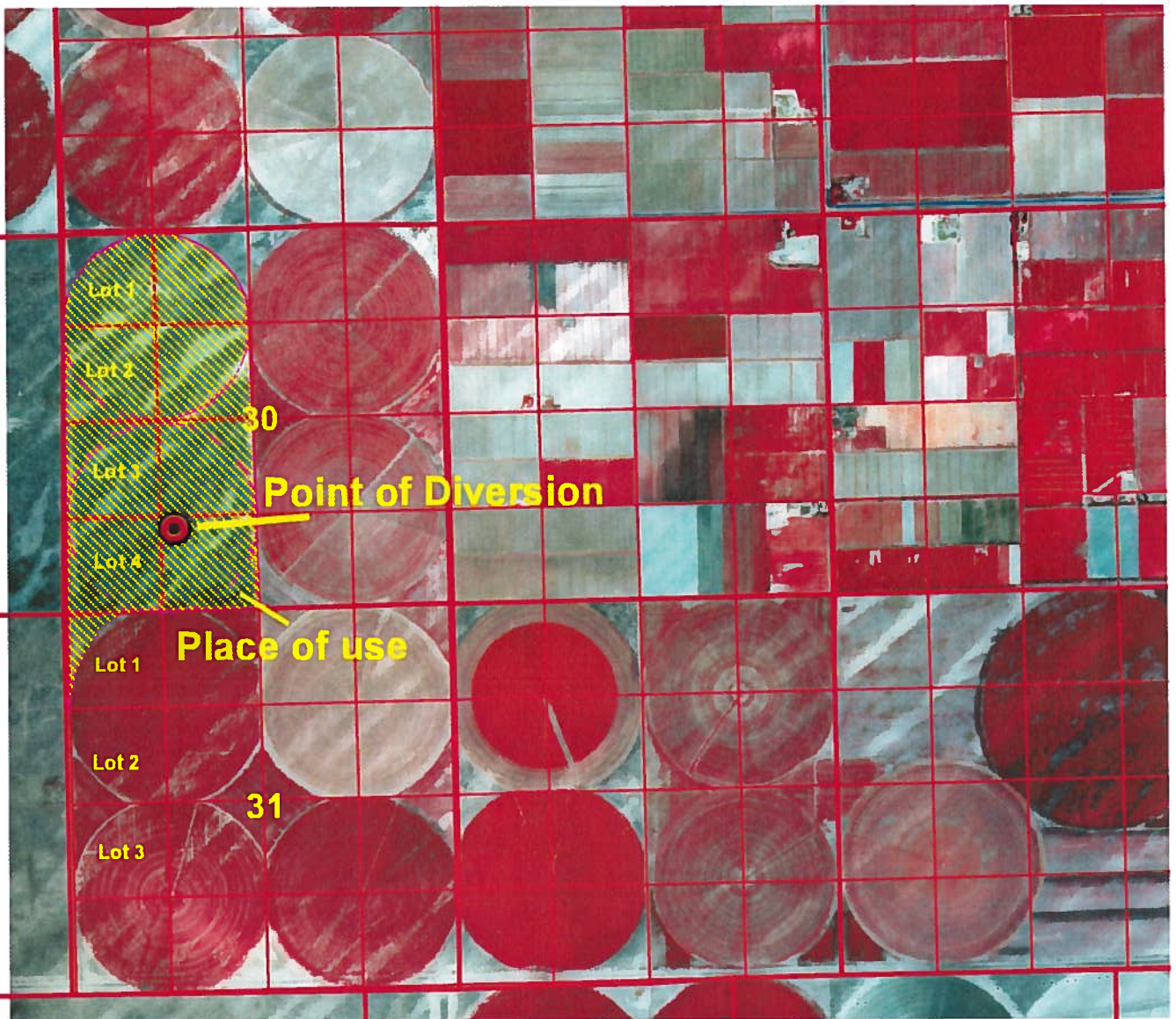
$$KW = 3.6 \times 4.8 \text{ (Kh)} \times 80 \text{ (M)} \times 10 \text{ (N)} / 47.9 \text{ (T)} = 288.6 \text{ Kw}$$

30 psi down

31-07567



**T
6
N**



R34E



Theme2.shp
Sections.shp
T06n34e.shp

31-07567



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E. NARRATIVE/REMARKS/COMMENTS

Well pump machine to two center pivots w/Englans and open discharge to irrigate
corners

No other uses observed from this well

Note: ~~Note 1A~~ Aerial photos from FSA & NAPP AERIALS do not show
development. An on site inspection was necessary
to confirm development.

GPS data incorrect required an on site inspection to confirm P/D

Have conditions of permit approval been met? ☒ yes ☐ no

F. FLOW CALCULATIONS

☒ Additional Computation Sheets Attached

Measured Method:

$Q = 6.19 \text{ cfs}$ capacity sonic Meter
 $Q = 6.41 \text{ cfs}$ Collins meter
 $Q \text{ Limited to } 0.02/\text{ac} = 309 = 6.18 \text{ cfs}$

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 309 (3.5) = 1081.5$
 $V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = 6.18 \text{ cfs} (214) 1.9835 = 2623.2$
 $V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 1081.5$

2. Volume Calculations for Other Uses:

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
IRRIGATION	4/1	11/1	6.18 cfs	1081.5 afa
Totals:				

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 ☐ Other

I. AUTHENTICATION

Field Examiner's Name Keith C. Wilson Date 9/20/2000

Reviewer _____ Date _____

SEAL