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DEC 13 2004

**DEPARTMENT OF
WATER RESOURCES**

A. GENERAL INFORMATION

Permit No. 96-9143

1. Owner: Caravelle Water Assn. Phone No. (808) 683-8214

Current Address: PO Box 786 Athol Id. 83801

2. Accompanied by: Clyde Piepholt EXAM DATE: 6-1-04

Address: Sent as above Phone No. _____

Relationship to Permit Holder: Assn. Member

3. Source: Groundwater tributary to _____

B. OVERLAP REVIEW

1. Other water rights with the same place of use: _____

2. Other water rights with the same point of diversion: _____

C. DIVERSION AND DELIVERY SYSTEM

1. Point(s) of Diversion:

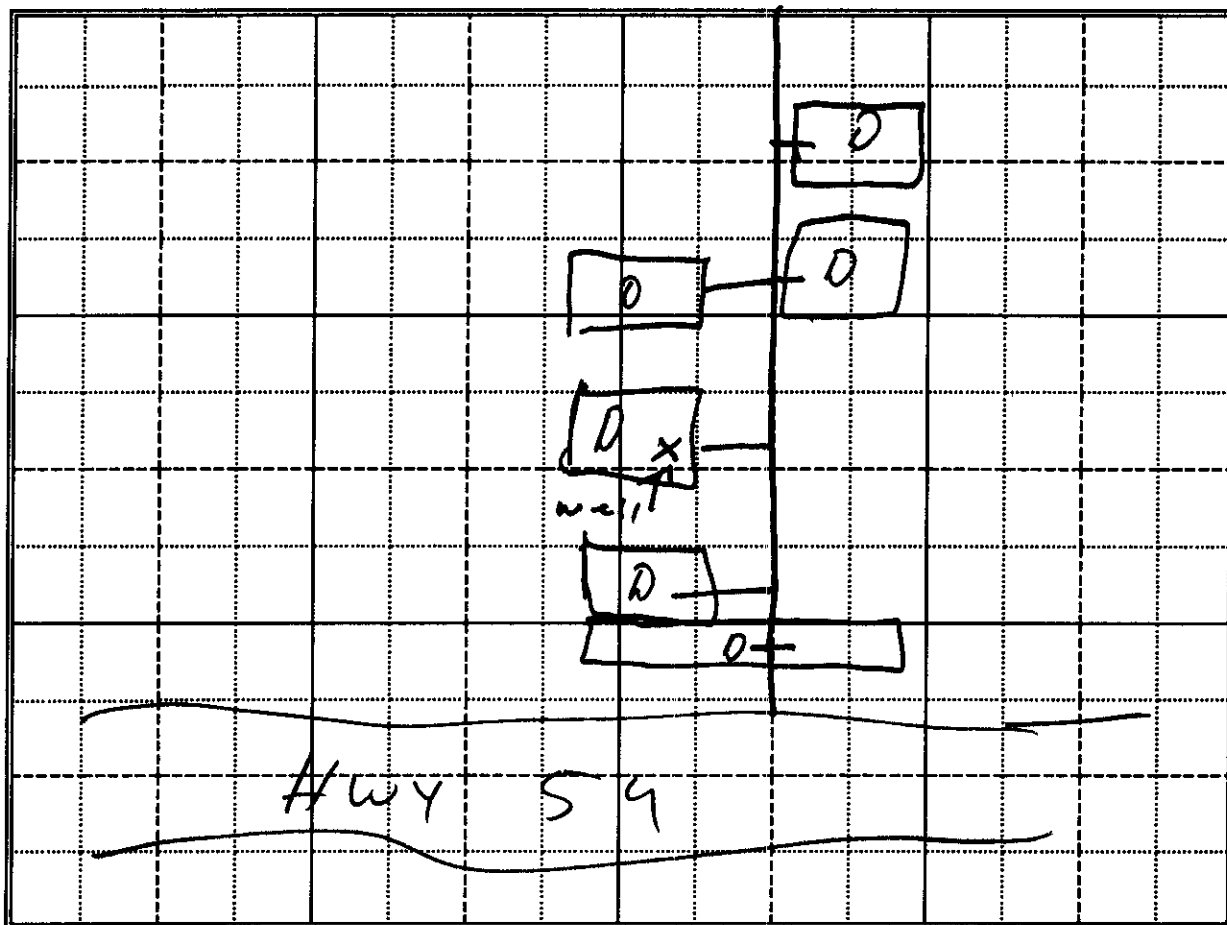
[illegible]

2. Place(s) of Use:

Indicate Method of Determination

[illegible]

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 Quadrangle 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
	2821138110	5	Franklin	Goulds	2"
	↖		↗		

*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. NARRATIVE/REMARKS/COMMENTS

Visited sites on system Irrigation at each site standard domestic Br. not exceeding 5 acres per site.

There was stock present. Mr. Paskoff showed me the original application, stockwater was filed for. But for some reason was not included on permit. I told him I would recommend stockwater on this report up to 2 head per household. I also told him the decision wasn't mine.

Have conditions of permit approval been met? 1 yes ___ no

F. FLOW CALCULATIONS

Additional Computation Sheets Attached

Measured Method:

$$\text{Flow meter } 25 \text{ gpm} \times .133681 = .05 \text{ cfs}$$

60

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 3 \times 3 = 9$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = .05 \times 213 \times 1.9835 = 21$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 9$$

2. Volume Calculations for Other Uses:

$$\text{Domestic } .6 \times 6 = 3.6 \text{ Afa}$$

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Domestic	01-01	12-31	.05	3.6
Irrigation	04-01	10-31	.05	9.0
Stockwater	01-01	12-31	.01	.1
see NARRATIVE			Totals: .05	12.7

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

Wayne Baldwin

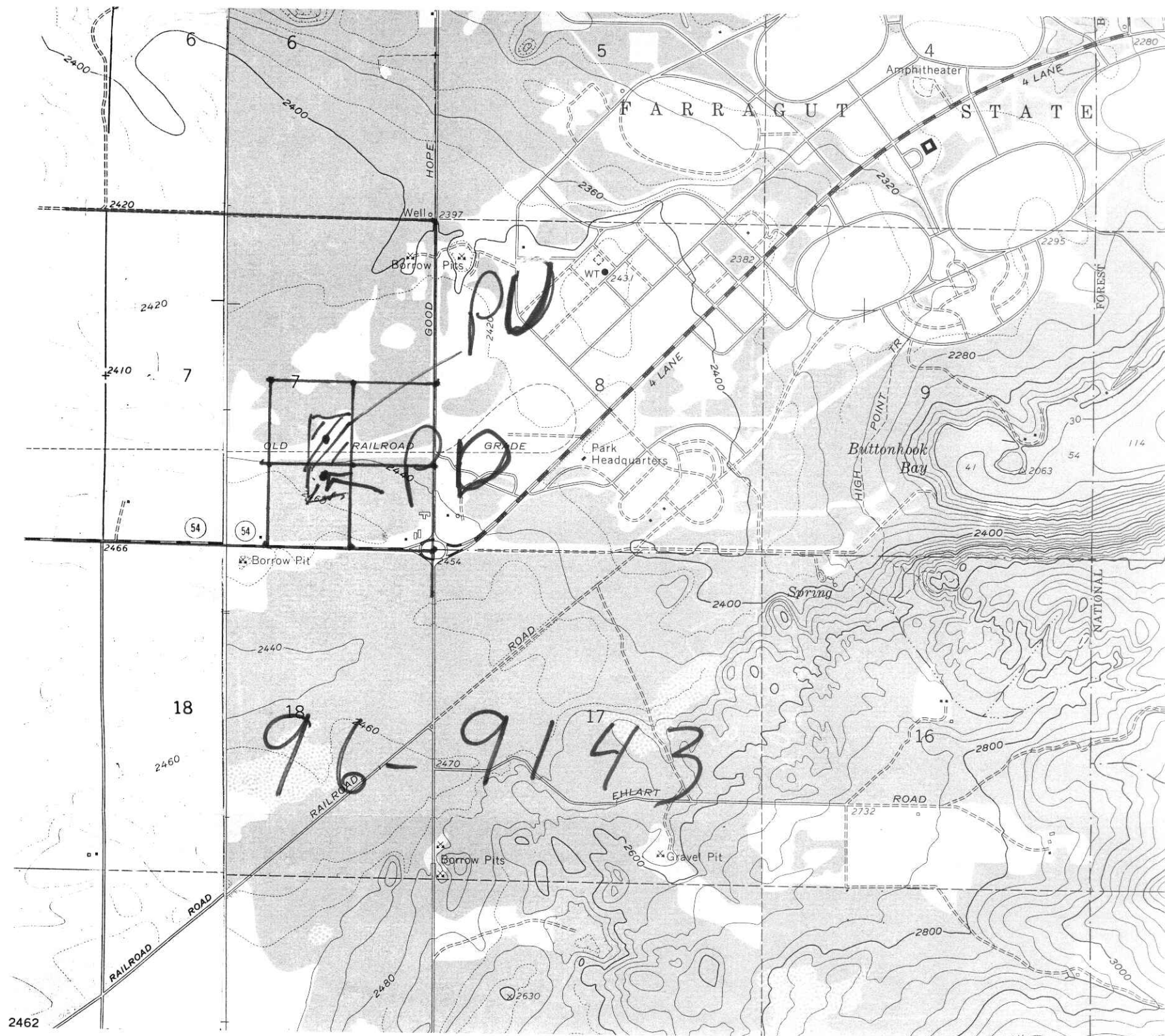
Date

10-22-04

Reviewer

Date

SEAL

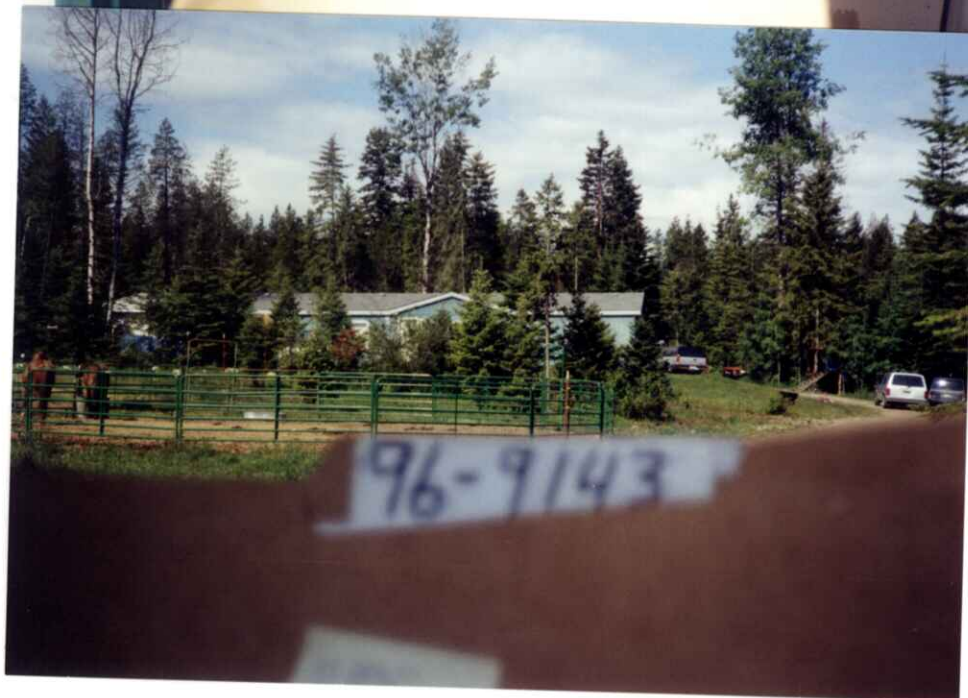




PW
pu



Pump
House



pu

96-9143



pu



pu