

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 95-9208

Exam Date: 6/18/2007

1. Current Owner: PILOT ROCK DEVELOPMENT ASSN INC
C/O JACK FLUME
5608 S HELENA LN
SPOKANE WA 99223
(509) 664-2121

2. Accompanied by: JACK FLUME

Phone No: SAME

Address: SAME

Relationship to Permit Holder: CO

3. SOURCETRIBUTARY

GROUND WATER

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 SYSTEM1. LOCATION OF POINT(S) OF DIVERSION:

GROUND WATER L1 NE1/4NE1/4 Sec. 3, Twp 48N, Rge 04W, B.M. KOOTENAI County

GROUND WATER L5 SW1/4NE1/4 Sec. 3, Twp 48N, Rge 04W, B.M. KOOTENAI County

GROUND WATER L1 NW1/4NW1/4 Sec. 2, Twp 48N, Rge 04W, B.M. KOOTENAI County

Method of Determination: GPS

2.

PLACE OF USE: MUNICIPAL

Twp Rge Sec	NE				NW				SW				SE				Totals
	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
48N 04W 2						X L 1											
48N 04W 3	X L 1		X L 5														
49N 04W 34																X	
49N 04W 35										X L 5							

Method of Determination:

3. ☐ Delivery System Diagram Attached (required). Indicate all major components and distances between components. Indicate weir size/pipe as applicable.
☐ Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be 1:24,000 or greater.
☐ Aerial Photo Attached (required for irrigation of 10+ acres).
☐ Photo of Diversion and System Attached

4.

<u>Well or Diversion ID No.*</u>	<u>Motor Make</u>	<u>Hp</u>	<u>Motor Serial No.</u>	<u>Pump Make</u>	<u>Pump Serial No. or Discharge Size</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

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

D. FLOW MEASUREMENTS

1.

<u>Measurement Equipment</u>	<u>Type</u>	<u>Make</u>	<u>Model No.</u>	<u>Serial No.</u>	<u>Size</u>	<u>Calib. Date</u>
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

2. Measurements:

E. FLOW CALCULATIONS

Measured Method:

☒ Additional Computation Sheets Attached

PUMP EQUATIONS				WELL # 1	
WATER RIGHT No. 95-9208					
	HP	H in feet	Efficiency as a decimal	Pumping lift in feet	System pressure in PSI
$Q = \frac{HP \cdot 8.8 \cdot \text{Eff}}{H}$	2	183.7755	0.8	45	60
Q = 0.077 cfs 34.4 gpm					

PUMP EQUATIONS				WELL # 2	
WATER RIGHT No. 95-9208					
	HP	H in feet	Efficiency as a decimal	Pumping lift in feet	System pressure in PSI
$Q = \frac{HP \cdot 8.8 \cdot \text{Eff}}{H}$	4	213.7755	0.8	75	60
Q = 0.132 cfs 59.2 gpm					

PUMP EQUATIONS				WELL # 3	
WATER RIGHT No. 95-9208					
	HP	H in feet	Efficiency as a decimal	Pumping lift in feet	System pressure in PSI
$Q = \frac{HP \cdot 8.8 \cdot \text{Eff}}{H}$	4	213.7755	0.8	75	60
Q = 0.132 cfs 59.2 gpm					

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

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

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

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

2. Volume Calculations for Other Uses:

G. NARRATIVE/REMARKS/COMMENTS

Pilot Rock Development Assn INC, has three points of diversion (POD)

Well # 1 N 47 32.385 W 116 49.664 15gpm

Well # 2 N 47 32.397 W 116 49.818 14gpm

Well # 3 N 47 32.237 W 116 50.053 60gpm

With all three wells working at one time can produce 89gpm 0.20cfs. All the wells are set to a regulated diversion rates and have installed measuring devices.

Have conditions of permit approval been met? X Yes ____ No

H. RECOMMENDATIONS

1. Recommended Amounts

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
MUNICIPAL	01/01 to 12/31	0.20 CFS	
<u>Totals:</u>		0.20 CFS	

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 Eric [Signature] Date 06-21-2007

Reviewer [Signature] Date 7/24/7

Public Water Supply ID 1280223

PILOT ROCK HOA ASSC

W 711 Shoshone Pl.
c/o Doug Stewart - Treasurer
Spokane, WA 99203

509-535-1673

November 14, 2007

RECEIVED
NOV 16 2007
IDWR/North

Eric Davis
Dept of Water Resources
7600 Mineral Dr. Suite 100
Coeur d'Alene, ID 93815

Dear Eric,

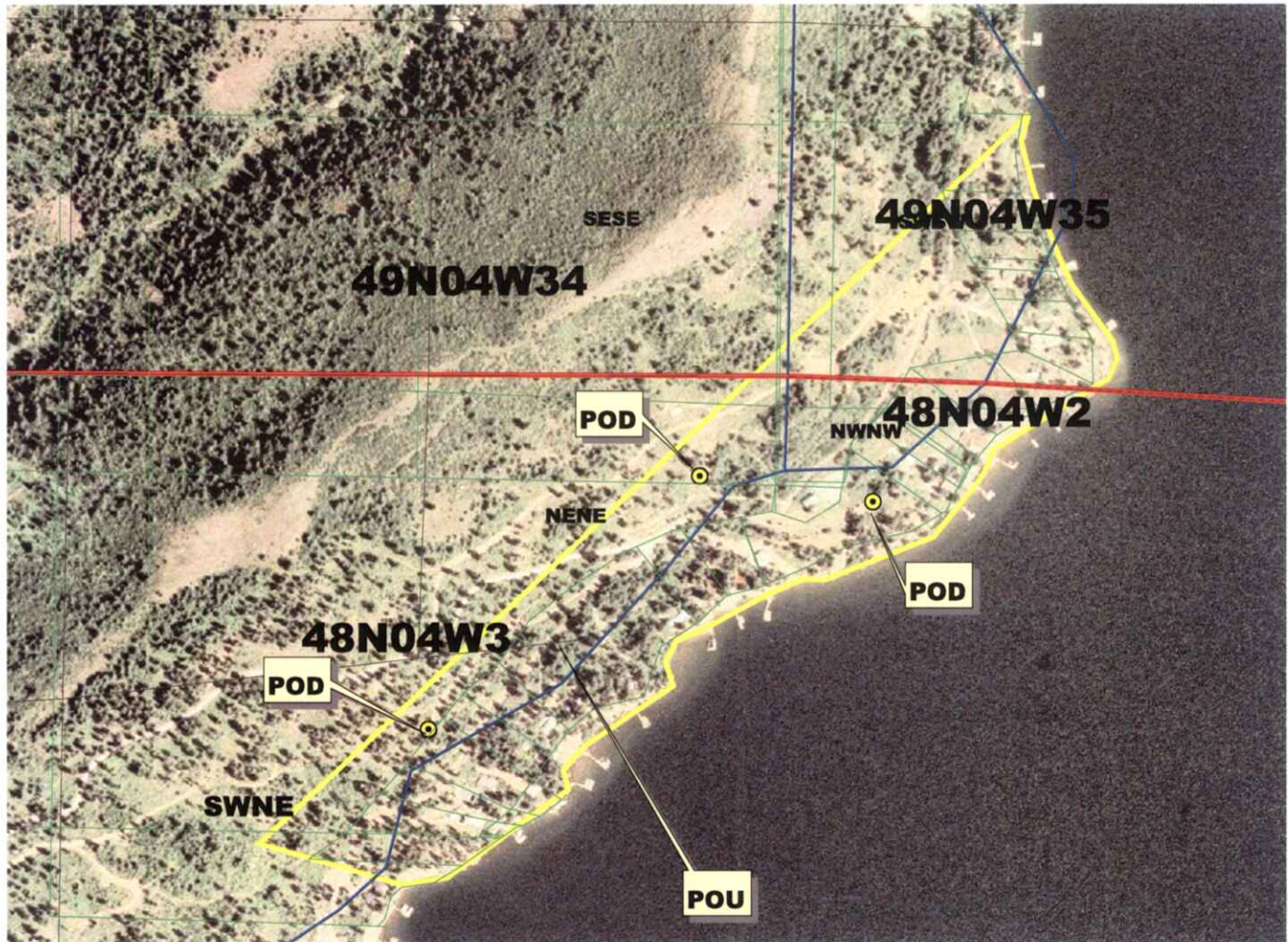
Please find the enclosed check for the amount of \$290.00 for Lic # 95 -09208. This note is in response to your communication with Jack Flume regarding the water well upgrade status.

Sincerely,



[Redacted signature block]

95-9208



0.2 0 0.2 0.4 Miles

- Kootenai taxlots
- GCDB49N04W GCDB
- GCDB48N04W GCDB
- Township/Range
- Sections
- QQ
- Point of diversion.shp
- Place of use.shp
- Administrative BasinsAdminbas.shp





WELL #3.jpg



METER FOR WELL #2.jpg



METER FOR WELL #3.jpg



WELL #1.jpg



WELL #2.jpg

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SCANNED
100-5000



95-9208



95-9208
C. W. H. H. H.



95-9208

