

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 97-7472

Exam Date: 8/20/2008

1. Current Owner: J D LUMBER INC
P O BOX 55
PRIEST RIVER ID 83856
(208)448-2671

2. Accompanied by: JEFF WEIMER
Phone No: SAME AS ABOVE
Address: SAME AS ABOVE
Relationship to Permit Holder: EMPLOYEE

3. SOURCE TRIBUTARY
GROUND WATER

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. LOCATION OF POINT(S) OF DIVERSION:**GROUND WATER NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 23, Twp 56N, Rge 05W, B.M. BONNER County

Method of Determination: GPS

2.

PLACE OF USE: INDUSTRIAL

Twp Rge Sec	NE				NW				SW				SE				Totals
56N 05W 23	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
									X	X							

PLACE OF USE: FIRE PROTECTION

Twp Rge Sec	NE				NW				SW				SE				Totals
56N 05W 23	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
									X	X							

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</u> <u>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</u> <u>Size</u>
D0053824	CentriPro	15	See Attached	See Attached	See Attached
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

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

D. FLOW MEASUREMENTS

1.

<u>Measurement</u> <u>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

_____ Additional Computation Sheets Attached

Measured Method:

PUMP EQUATIONS WATER RIGHT No. 97-7472					
	HP	H in feet	Efficiency as a decimal	Pumping lift in feet	System pressure in PSI
Q = HP*8.8*Eff/H	15	317.5170068	0.8	225	40
Q =	0.333 cfs	149.5 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:

$$.33 \times 1.9835 \times 252.5$$

$$165.3 \text{ AF}$$

$$6 \times 52 = 312$$

$$\begin{array}{r} 312 \\ -9 \\ \hline 303 \\ \times 20 \\ \hline 6060 \\ \div 24 \\ \hline 252.5 \end{array}$$

G. NARRATIVE/REMARKS/COMMENTS

THIS SYSTEM USES GROUNDWATER FOR FIRE PROTECTION AND INDUSTRIAL USES. THIS IS FOR A LUMBER MILL. THE INDUSTRIAL USE IS FOR DUST ABATMENT, WATERING LOGS, WATER FOR THE BOILER AND WATER FOR THE OFFICES. THE WELL IS AN 8 INCH WELL WITH THE WELL TAG #D0053824 AND HAS A 15HP PUMP. THE SYSTEM RUNS BETWEEN 40 AND 60 PSI.

Have conditions of permit approval been met? ☒ Yes ☐ No

H. RECOMMENDATIONS**1. Recommended Amounts**

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
INDUSTRIAL	01/01 to 12/31	0.330 CFS	165.30 AF
FIRE PROTECTION	01/01 to 12/31	0.330 CFS	
<u>Totals:</u>		0.330 CFS	165.30 AF

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

Date

11-28-08

Reviewer

Date

12/1/08

FORWARD WHITE COPY TO WATER RESOURCES

SANDPOINT PUMP & POWER

168 1/2 Hwy 200 Dr.
SANDPOINT, IDAHO 83864

JOB INVOICE

9669

(208) 863-6586

well

TO

JE Lumber

414 Bodie Canyon RD

P.O. Box 83856

TERMS

97-7472

PHONE 208-448-2071		DATE OF ORDER
ORDER TAKEN BY		CUSTOMER'S ORDER NUMBER
☐ DAY WORK	☐ CONTRACT	☐ EXTRA
JOB NAME/NUMBER		
JOB LOCATION		
JOB PHONE	STARTING DATE	

QTY	DESCRIPTION	PRICE	AMOUNT	DESCRIPTION OF WORK
1	150 H15 Pipe		3028 ⁰⁰	
1	15 Hp Motor Cent. Pro		2282 ⁰⁰	
3	3' Check Valves	302 ⁰⁰	906 ⁰⁰	
1	3' P. Flange		900 ⁰⁰	
1	8' well Cap		425 ⁷⁵	
273	3" Gal T&C	750	204750	
2	3" 90°	3083	~~5471~~ 10972	61.66
1	3" Tee		3128	
1	3" Plug		1122	
1	6' Hose adapter		95 ⁰⁰	
270	6-3 Sub Cable Insulated	365	98550	
30'	6-3 UF Cable	350	10500	
	Misc Electrical		25 ⁰⁰	
			1097391	
				TOTAL OTHER 550 ⁰⁰
				LABOR
		HRS	RATE	AMOUNT
	Dave, Bob, Helper	7	125	875 ⁰⁰
				TOTAL LABOR 875 ⁰⁰
				TOTAL MATERIALS 11558 ¹⁴
				TOTAL OTHER 550 ⁰⁰
				TAX
				TOTAL 12983 ¹⁴

Thank You

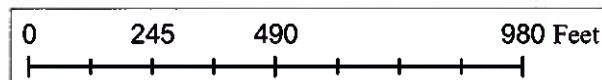
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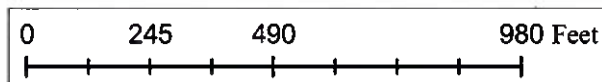
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⊙	Right POD
	Pou.shp
	Sections
	QQ



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PLACE OF USE 1.JPG



PLACE OF USE 2.JPG



PLACE OF USE 3.JPG



PLACE OF USE 4.JPG



PLACE OF USE 5.JPG



PLACE OF USE 6.JPG



PLACE OF USE 7.JPG



POINT OF DIVERSION.JPG



SYSTEM WITH
BYPASS.JPG



WELL TAG.JPG

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