

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 36-8765

Exam Date: 10/7/2014

1. Current Owner: WESTWAY TRADING
314 S 500 E
JEROME ID 83338
(208)324-6601

Present Owner: ~~PE~~PERFORMANCE PLUS-IDAHO, LLC
314 S 500 E
JEROME ID 83338
(208)736-0064

2. Accompanied by: Matt Beed

Phone No: (208) 736-0064

Address: 314 S 500 E
JEROME ID 83338

Relationship to Permit Holder: General Manager/President (present owner)

3. SOURCE**TRIBUTARY**

GROUND WATER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 36-15126 Domestic

2. Other water rights with the same point of diversion: 36-15126 Domestic

C. DIVERSION AND DELIVERY SYSTEM**1. LOCATION OF POINT(S) OF DIVERSION:**

GROUND WATER

L4 NW1/4NW1/4

Sec. 1, Twp 09S, Rge 17E, B.M.

JEROME County

Method of Determination: GPS and aerial photography

2.

PLACE OF USE: DOMESTIC

Twp	Rge	Sec	NE				NW				SW				SE				
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	Totals
09S	17E	1						X											
								L 4											

Method of Determination: Field visit and aerial photography

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>
N/A	Submersible	3	See Work Order	N/A	See Floyd Lilly Co, Work Order

D. FLOW MEASUREMENTS

A measurement is not required for domestic use if the diversion rate does not exceed 0.24 cfs according to the new Beneficial Use Examination Rules dated 3/29/2012

E. FLOW CALCULATIONS

Measured Method: Theoretical Yield

$$Q = \frac{8.8 \times (Hp) \times (Eff)}{H}$$

Where: Hp = 3 Hp (per Floyd Lilly Co. work order)

Eff = efficiency = 70% assumed

H = total head = pumping level + (2.31 x system pressure)

H = 220' + (2.31 x 50) = 335.5

$$\frac{8.8 \times 3 \times .70}{335.5} = 0.055 \text{ cfs} = \mathbf{0.06 \text{ cfs}}$$

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation: NA

2. Volume Calculations for Other Uses: Domestic

Domestic: Per Field Examiners Handbook – Non-Irrigation Water Requirements (Table 3, page 2 Workers)

Workers: Day (15 gpd/per person) 12 workers X 15 gpd = 180 gpd X 260 work days per year, 180 X 260 = 46,800 gallons/yr

Boiler usage, 6 months/year. 800 gallons/day X 130 work days per year, 800 X 130 = 104,000 gallons/yr

46,800 + 104,000 = 150,800 total gallons/yr. 150,800 ÷ 325,850 gallons / AF = 0.46 AF = 0.5 AF

Lawn area of 0.03 acres X 4 af per acre for irrigation, 0.03 X 4 = 0.12 af. Combined total of **0.6 AF**

G. NARRATIVE/REMARKS/COMMENTS

Application for permit 36-8765 was filed on April 7, 1997 by Cargill, Inc. for the diversion of 0.04 cfs of ground water for domestic use associated with the manufacturing of animal feed, employee restrooms and domestic usage. Note that SRBA decreed water right 36-15126 covers domestic use at the same facility for 0.04 cfs and 2,500 gpd. In a review and recommendation memo dated May 9, 1997, it was recommended that permit 36-8765 be issued but limited to 2500 gpd and when combined with 36-15126 both rights would be limited to 0.04 cfs total diversion rate and a total daily limit of 5000 gpd. Permit 36-8765 was issued on May 22, 1997 for 0.04 cfs and 2500 gpd with no combined use limit with right 36-15126. Proof of Beneficial Use was due on or before June 1, 1998. Cargill, Inc submitted an Assignment of Permit on April 14, 1998 to assign the permit to Westway Trading. Proof of Beneficial Use was filed on April 14, 1998 by Westway Trading.

During the field exam I meet with Matt Beed general manager/president of Performance Plus-Idaho, LLC. Mr. Beed stated that the facility is owned by Performance Plus-Idaho, LLC. Mr. Beed indicated that in 2009 they replaced the pump in the well and it's from this information the flow was calculated. The theoretical estimate of the well indicates that it can produce 0.055 cfs, which is more than the permitted amount under 36-8765. Therefore it is recommended to license the permitted amount of 0.04 cfs and 2500 gpd and 0.6 af per volume calculation

The facility manufactures animal feed supplements and its water usage is within the total combined limit of permit 36-8765 and water right 36-15126 (no more than 5,000 gpd per Mr. Beed). It is recommended that a condition be implemented on license 36-8765 limiting it to 0.06 cfs and 5,000 gpd when combined with water right 36-15126. After licensing Performance Plus-Idaho, LLC will file an ownership change for rights 36-8765 and 36-15126.

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>
DOMESTIC	01/01 to 12/31	0.040 CFS	0.6 AF
<u>Totals:</u>		0.040 CFS	0.6 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 Benny Walke Date 10/28/14

Reviewer [Signature] Date 10/30/14

No. W 29339	Due no later than Mar 31, 2014 Annual Report Form		2. Registered Agent and Address (NO PO BOX)
Return to: SECRETARY OF STATE 700 WEST JEFFERSON PO BOX 83720 BOISE, ID 83720-0080 NO FILING FEE IF RECEIVED BY DUE DATE			JERRY HEIDELK 314 S 500 E JEROME ID 83338 3. <u>New</u> Registered Agent Signature:*
4. Limited Liability Companies: Enter Names and Addresses of at least one Member or Manager.			
Office Held	Name	Street or PO Address	City State Country Postal Code
MANAGER	MATTHEW C BEED	3504 E 3985 N	KIMBERLY ID USA 83341
5. Organized Under the Laws of: ID W 29339	6. Annual Report must be signed.* Signature: Matthew C Beed Name (type or print): Matthew C Beed Date: 01/27/2014 Title: President		
Processed 01/27/2014 * Electronically provided signatures are accepted as original signatures.			





SESE

35

SWSW

36

08S17E

SESW

NENE 1

NWNW 4

NENW 3

2

1

09S17E

SENE

SWNW

SENW

The USDA-FSA Aerial Photography Field office asks to be credited in derived products.

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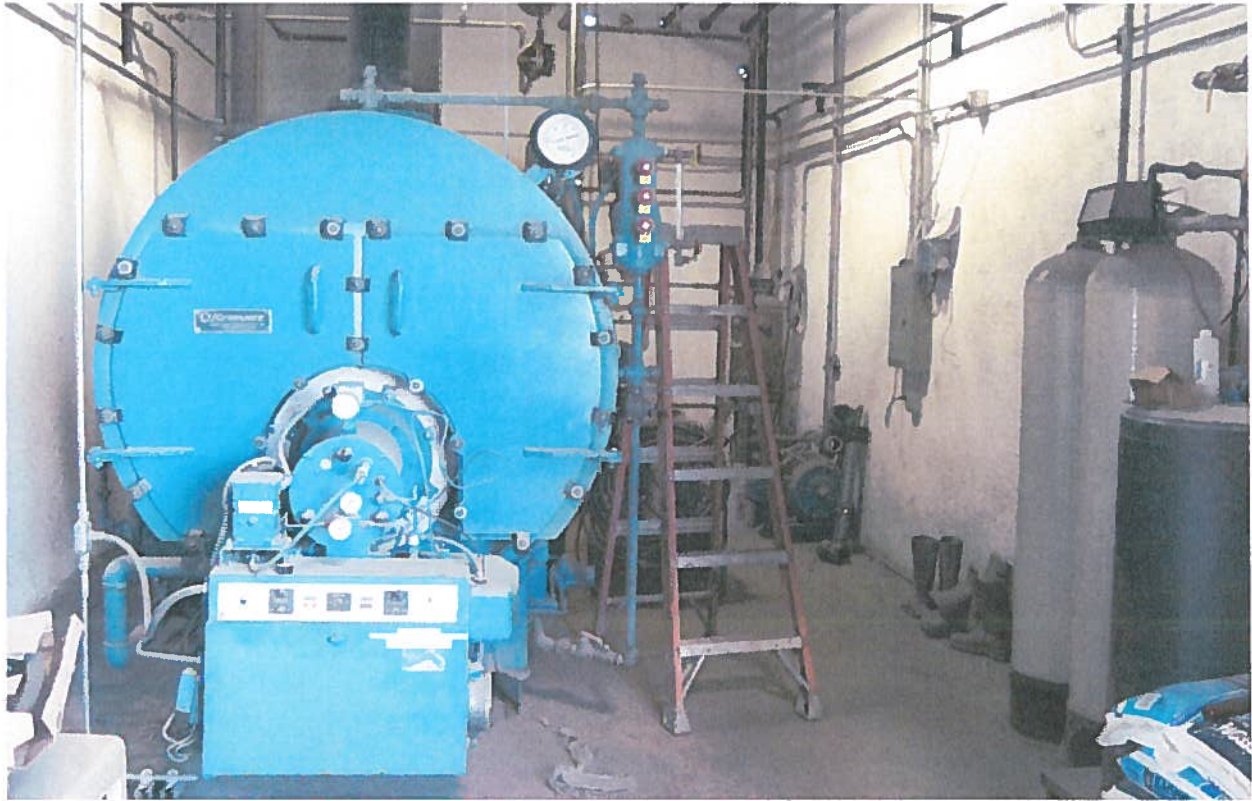


Above: Main office building with a reception desk, two private offices and a restroom

Below: Manufacturing facility with a break room and restrooms



Permit 36-8765



Above: 800 gallon boiler and water softener unit used in the manufacturing of feed supplement

Below: Emergency eye wash, sink and small hot water heater

