

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 75-14799

Exam Date:

1. Current Owner:
WATERS EDGE RV PARK & PIZZERIA LLC 2570 HWY 93 N NORTH FORK ID 83466

2. Accompanied by: NA In house exam
Phone No:
Address:
Relationship to Permit Holder:

3. **SOURCE:**
NORTH FORK SALMON RIVER

TRIBUTARY:
SALMON RIVER

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:**NORTH FORK SALMON RIVER SE $\frac{1}{4}$ SW $\frac{1}{4}$

Sec. 21, Twp 25N, Rge 21E, B.M. LEMHI County

Method of Determination:

2.

PLACE OF USE: IRRIGATION

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
25N	21E	21												0.5					.5

Total Acres: 0.5

Method of Determination: ArcMap 2015 and Google Map 2016 (See attached)

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.

Well or Diversion ID No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size

*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. FLOW

Additional Computation Sheets Attached

CALCULATIONS

Measured Method: theoretical

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 0.5 \times 3.5 = 0.2$$

$$V_{DR} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.02 \times 214 \times 1.9835 = 8.5$$

$$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} = 0.2$$

2. Volume Calculations for Other Uses: no other uses

G. NARRATIVE/REMARKS/COMMENTS:

ArcMap taxlot information (updated 2/24/2016) lists the Josephine's Pizza & RV Park, LLC as current owner of the property. Josephine's assigned the permit to Waters Edge RV Park & Pizzeria in September, 2016. Point of diversion and the place of use are located within a portion of Lot 9B Amended of River Run Estates Div 1. The permit holder is irrigating around the restaurant and along the tree line. According to the permit, a lockable device is to be installed before the diversion of water. In the pictures the permit holder sent with proof, there is a valve that can be locked. Pictures of the pump and sprinklers are attached to the Proof Statement.

Have conditions of permit approval been met? ☒ Yes ☐ No**H. RECOMMENDATIONS****1. Recommended Amounts**BENEFICIAL USE
IRRIGATIONPERIOD OF USE
04/01 to 10/31DIVERSION RATE
0.02 CFSANNUAL VOLUME
0.2 AFTotals:

0.020 CFS

0.20 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 ☒ None**I. AUTHENTICATION**

Field Examiner's Name

Joan Husky
Daniel R. Nelson

Date

9-20-16

Reviewer

Date

9-20-16

75-14799

Write a description for your map.

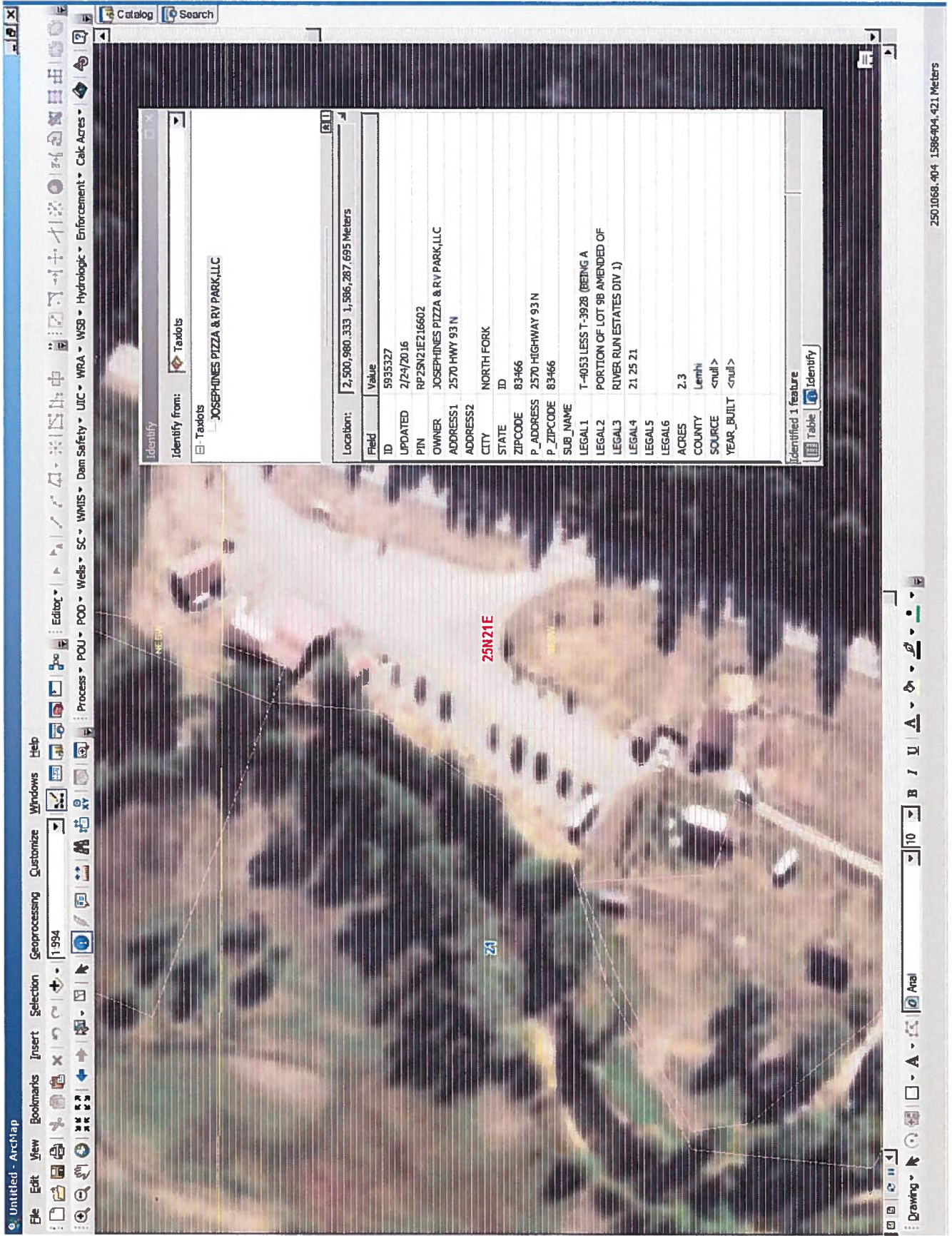
Legend



300 ft

Google earth





THEORETICAL HORSEPOWER EQUATION WORKSHEET (cjh 1/92)

Water Right No.: 75-14799
 Reviewer: Jean Hersley
 Date of Review: 9/20/2016

P/D No.:

PUMP HORSEPOWER
 BOOSTER HORSEPOWER

PUMPING LEVEL

DISCHARGE PRESSURE

RATE OF FLOW (cfs)

Well #1
1
0
10
50
0.05
22

Well #2
0.75
0
10
50
0.04
17

Well #3
1
0
10
20
0.11
0.20
49
87.74

The above calculates the formula =

$$Q = \frac{8.8 * (\text{Efficiency}) * \text{hp}}{\text{depth to water} + 2.31 * (\text{psi}) + \text{friction}}$$

Assumptions: %70 efficiency.
 No Friction

Examiners Notes: