

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT
To appropriate the public waters of the State of Idaho

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MAY 1 2007
JUL 1 2007

1. Name of Applicant Carl Smid Phone 254-381-7005
Mailing address HC 69 Box 950, Riggs, ID 83549
2. Source of water supply French Creek which is a tributary of Salmon River
3. Location of point of diversion is Township 24N Range 3E Sec. 24 in the SW $\frac{1}{4}$,
SW $\frac{1}{4}$, NE $\frac{1}{4}$, Govt. Lot _____, B.M., _____ Idaho _____ County;
additional points of diversion if any: _____
4. Water will be used for the following purposes:
Amount 2.0 for hydro power purposes from Jan 1 to Dec 31 (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
5. Total quantity to be appropriated is (a) 2.0 and/or (b) _____
cubic feet per second acre feet per annum
6. Proposed diverting works:
 - a. Describe type and size of devices used to divert water from the source A permanent 6-inch diameter end-of-pipe tee configuration submerged inlet will be placed approximately 1 foot below the normal low water level approximately 5 feet from shore. The inlet will be equipped with a passive fish protection screen complying with NMFS criteria. The Tee inlet will divert water by gravity flow to a penstock headwork basin located approximately 5 feet landward from the normal high water line.
 - b. Height of storage dam _____ feet; active reservoir capacity _____ acre-feet; total reservoir capacity _____ acre-feet
 - c. Proposed well diameter is inches _____; proposed depth of well is _____ feet
 - d. Is ground water with a temperature of greater than 85°F being sought? No
 - e. If well is already drilled, when? _____; Drilling firm _____;
Well was drilled for (well owner) _____; Drilling Permit No. _____
7. Time required for completion of works and application of water to proposed beneficial use is 3 years (minimum 1 year)
8. Description of proposed uses (if irrigation only, go to item 9):
 - a. Hydropower; show total feet of head and proposed capacity in kW. 160 feet, 15 kW (see attached)
 - b. Stockwatering; list number and kind of livestock. _____
 - c. Municipal; show name of municipality. _____
 - d. Domestic; show number of households. _____
 - e. Other; describe fully. _____

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9. Description of place of use:

a. If water is for irrigation, indicate acreage in each subdivision in the tabulation below.

b. If water is used for other purposes, place a symbol of the use (example: *D* for Domestic) in the corresponding place of use below. See instructions for standard symbols.

TWP	RGE	SEC	NE				NW				SW				SE				TOTALS
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
24N	3E	24		P	P														
				CS.															

Total number of acres to be irrigated 0

10. Describe any other water rights used for the same purposes as described above. _____

11. a. Who owns the property at the point of diversion? Carl Smidb. Who owns the land to be irrigated or place of use? Carl Smid

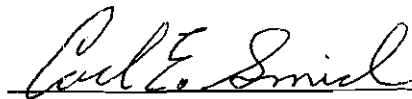
c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing: _____

12. Remarks: The project is a run-of-the-river 15 kW micro-hydro system that proposes to divert 2 cfs from French Creek to provide electrical power to a single ranch and residence owned by the applicant. Electrical power will be produced with a Pelton type turbine and electrical generation equipment manufactured by Canyon Hydro of Deming, WA. Approximately 2900 feet of 10 inch diameter PVC penstock will be installed in the existing roadway adjacent to French Creek.

All equipment including the diversion inlet, penstock, powerhouse, and transmission line will be installed on property owned by the applicant. Electrical power will not be distributed off-site. A "Declaration of Intention" for the project has been filed with the Federal Energy Regulatory Commission. The project description and flow-duration analysis prepared for the "Declaration of Intention" are attached.

13. MAP OF PROPOSED PROJECT REQUIRED -Attach an 8½"x11" map clearly identifying the proposed point of diversion, place of use, section #, township & range. (A photocopy of a USGS 7.5 minute topographic quadrangle map is preferred.)

BE IT KNOWN that the undersigned hereby makes this application for permit to appropriate the public waters of the State of Idaho as herein set forth.



Signature of Applicant (and title, if applicable)

Received by sk Date 5-30-06 Time _____ Preliminary check by _____
 Fee \$ 290 Receipted by W034228 # sk Date 5-30-06
 Publication prepared by _____ Date _____ Published in _____
 Publication approved _____ Date _____

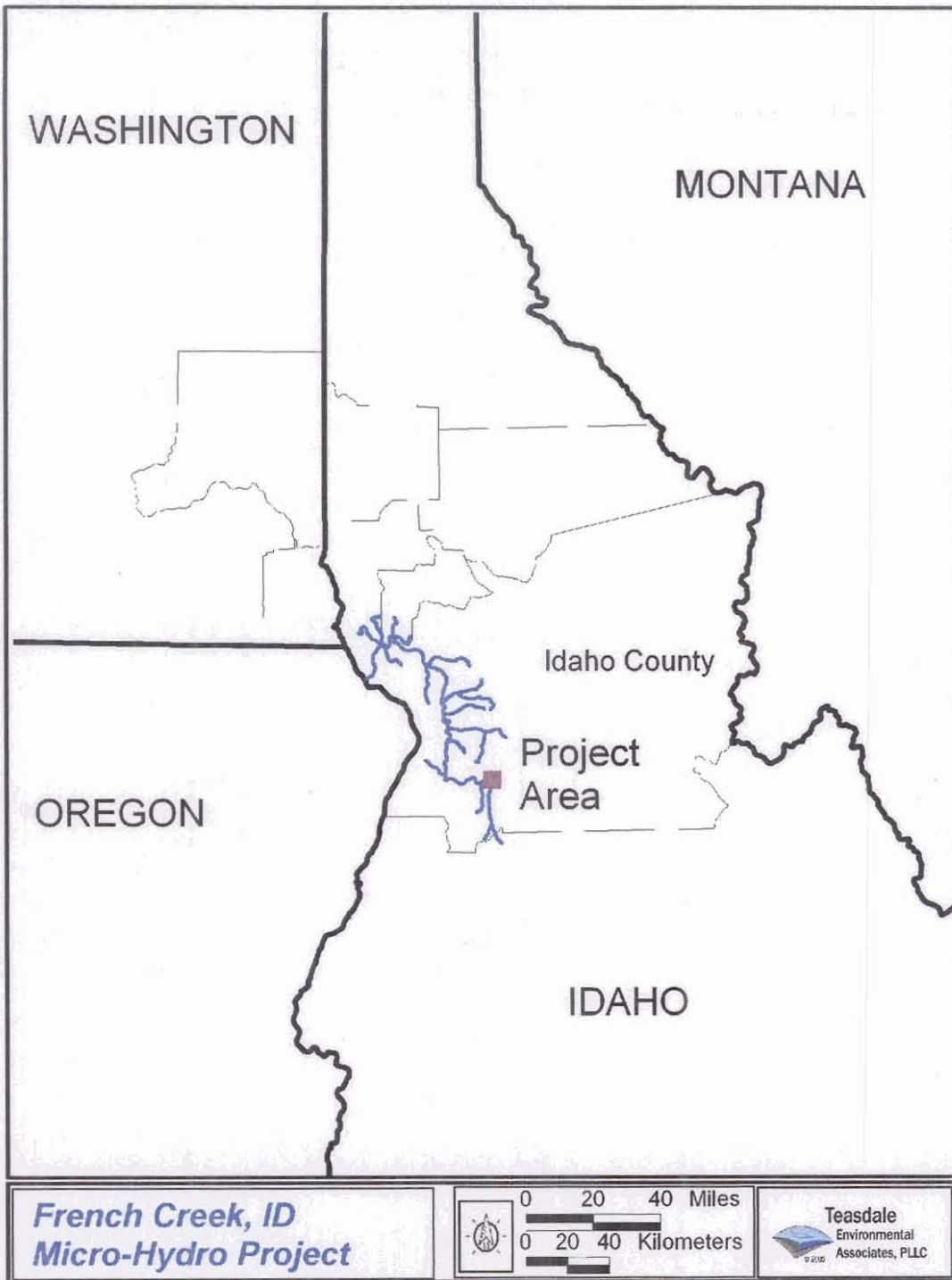


Figure 2. Project location map.

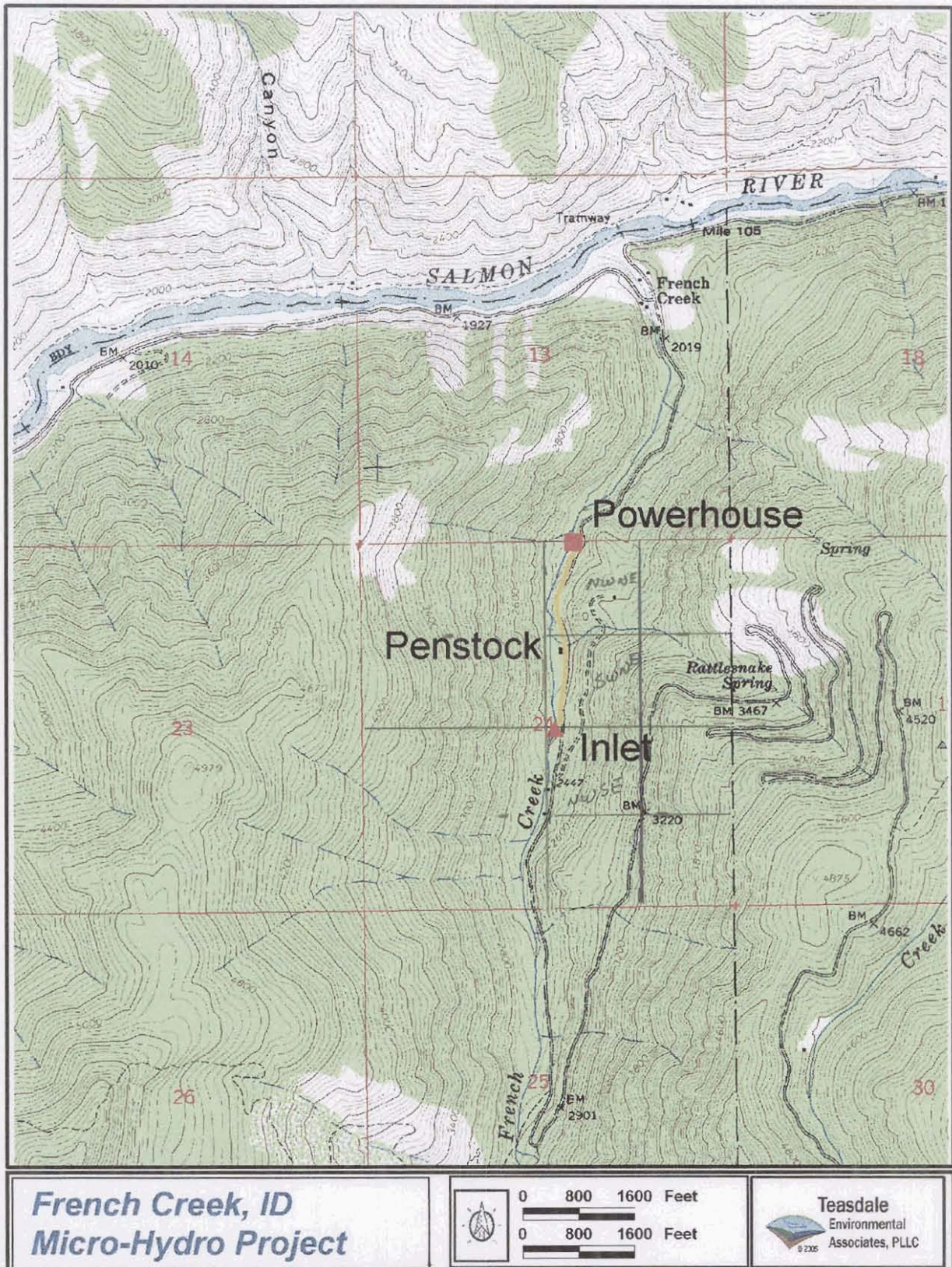


Figure 3. USGS topographic map of the project location.

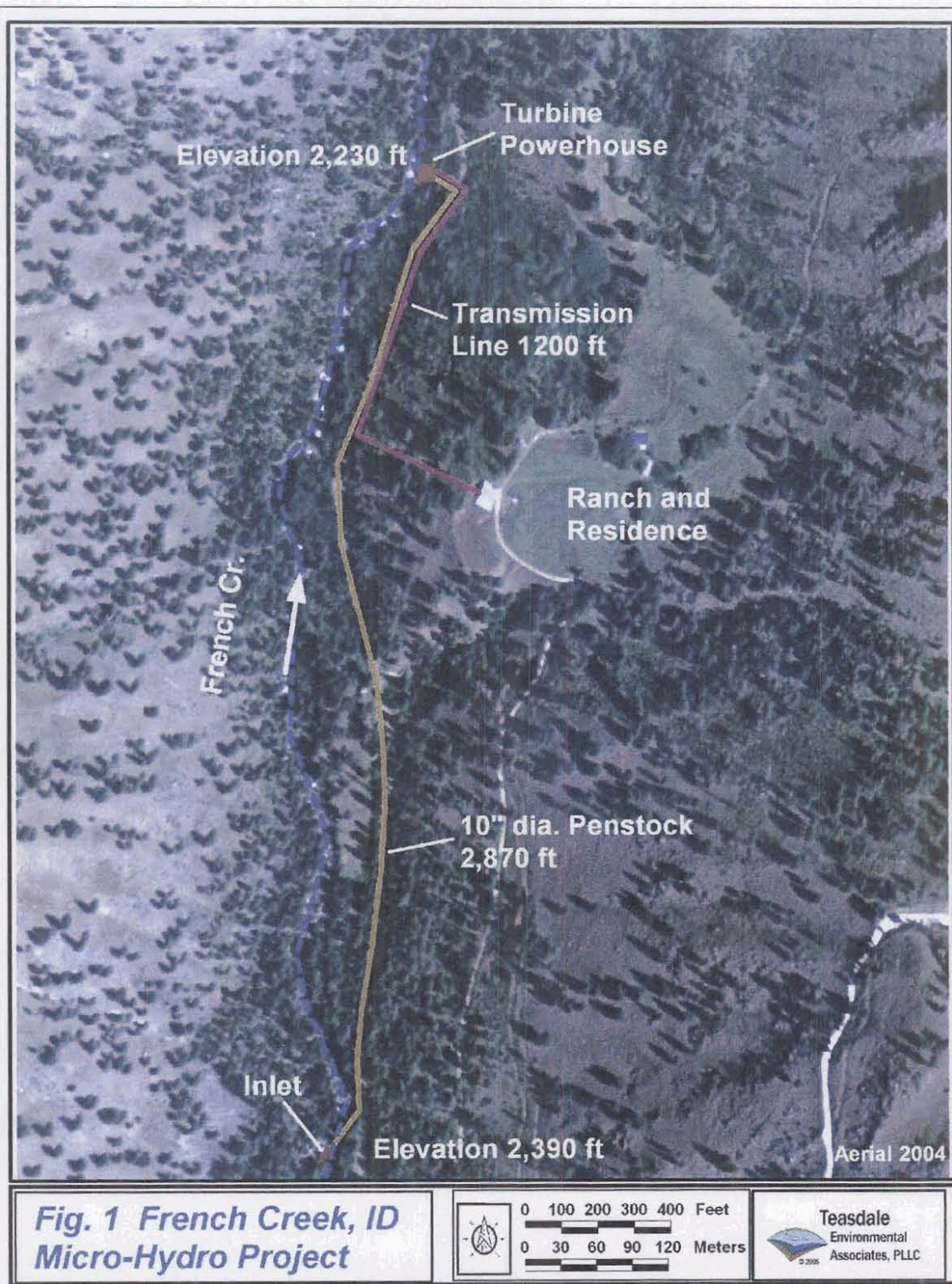


Figure 1. Conceptual plan of the French Creek, ID Micro-Hydro Project.

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

AFFIDAVIT FOR WATER RIGHTS TO BE USED FOR POWER PURPOSES

A. Establishment of Residency: *(Complete either 1, or 2).*

1. Individual Applicant or Individual Members of a Partnership:

I, Carl E. Smid of Riggins,
(name) (city)
County of Idaho, State of Idaho, being duly sworn, do hereby
certify that I am a bona fide resident of the State of Idaho.

2. Corporation:

I, _____ of _____,
(name) (city)
County of _____, State of Idaho, being duly sworn, depose and
say: That I am the designated registered agent of the _____
_____;
(name of corporation)
that as such I am in charge of the registered office of the said
corporation as required by Section 30-1-12, **Idaho Code**, at _____
(city)
Idaho, wherein are kept the corporate records required by Section 30-1-52, **Idaho Code**; and that _____
_____ is a corporation qualified to do business in the State of Idaho under the laws
(name of corporation)
of the State of Idaho.

B. Ownership of Facilities: *(To be completed for hydropower projects only)*

The hydropower facility to be developed pursuant to the attached Application for Permit:

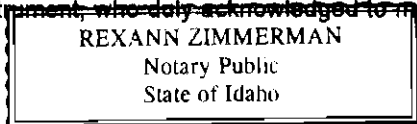
(check one)

- ☒ Will not utilize existing man-made irrigation facilities such as a dam or a canal.
☐ Will utilize existing man-made irrigation facilities such as a dam or a canal, and permission of the owner is documented in an affidavit attached hereto.
☐ Will utilize existing man-made irrigation facilities such as a dam or a canal, and the owner is the signee of this affidavit.

Carl E. Smid
Applicant

STATE OF IDAHO)
County of Idaho)ss

On this 21 day of May, 20 06, personally appeared before me the signer(s) of
the above instrument, who ~~do~~ acknowledged to me that he (she) (they) executed the same.



Rexann Zimmerman
Notary Public residing at _____

SEAL

My commission expires: July 22, 2011

RIGGINS