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Northwest Power Services, Inc.

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2007 MAR 12 P 3:06

PRELIMINARY PERMIT APPLICATION

March 9, 2007

Ms. Magalie R. Salas, Secretary
Federal Energy Regulatory Commission
888 First Street, N.E.
Washington, DC 20426

P-12785-000

Re: Preliminary Permit Application for the Fall Creek Dam Hydroelectric Project, FERC project #12778

Dear Ms. Salas,

Please find enclosed an original and eight copies of the Preliminary Permit Application for the Fall Creek Dam Hydroelectric Project, FERC project #12778.

If you have any questions feel free to contact me at (208) 745-0834.

Sincerely,

NORTHWEST POWER SERVICES, INC.

Brent L. Smith
President

PRELIMINARY PERMIT APPLICATION

FOR THE

**FALL CREEK DAM HYDROELECTRIC
PROJECT**

FERC Project No. 12778

PREPARED FOR:

**Fall Creek Hydro, LLC
Logan, UT**

March 2007

PRELIMINARY PERMIT APPLICATION

FOR THE

**FALL CREEK DAM HYDROELECTRIC
PROJECT**

FERC Project No. 12778

PREPARED FOR:

Fall Creek Hydro, LLC

PREPARED BY:

Northwest Power Services, Inc

P.O. Box 535

Rigby, Idaho 83442

March 9, 2007

**Preliminary Permit Application
for the
Fall Creek Dam Hydroelectric Project**

GENERAL:

The applicant for the proposed Fall Creek Dam Hydroelectric Project is Fall Creek Hydro, LLC, consisting of members that are familiar with all aspects of hydroelectric development from the initial licensing process through design, construction and ongoing operations. The members of Fall Creek Hydro, LLC have been and are currently involved in various phases of numerous projects in the past fifteen years including projects in Idaho, Utah, Montana and Hawaii.

The applicant, Fall Creek Hydro, LLC, is not claiming municipal preference under section 7(a) of the Federal Power Act.

The location of the proposed project is:

State: Oregon
County: Lane
Nearby Town: Springfield
Body of Water: Fall Creek

The official name, address and phone number of the applicant is:

Fall Creek Hydro, LLC
975 South State Highway
Logan, UT 84321
Phone: (435) 752-2580

The project liaison for all correspondence is:

Mr. Brent L. Smith, President
Northwest Power Services, Inc.
P.O. Box 535
Rigby, Idaho 83442
Phone: (208) 745-0834
Fax: (208) 745-0835
E-mail: npsi@nwpwrservices.com

Secondary contact:

Dr. Vincent Lamarra, Director
Ecosystems Research Institute, Inc.
975 South State Highway
Logan, Utah 84321
Phone: (435) 752-2580
Fax: (435) 752-2581
E-mail: vincel@ecosysres.com

The applicant is requesting a preliminary permit for a period of three years from the date of issuance to conduct preliminary environmental reviews, environmental impact statement, feasibility study and preliminary design. The applicant filed a PAD and NOI on February 15, 2007.

EXHIBIT 1:

The proposed Fall Creek Dam hydroelectric generating facility would be located on an existing dam owned by the US Army Corps of Engineers, on the Fall Creek in Lane County, Oregon. The contact individual for Lane County is Annette Newingham, County Clerk, at 125 East 8th Avenue, Eugene, Oregon 97401-2926. Part of the project would be on lands administered by the US Army Corps of Engineers.

The proposed project would consist of an existing rockfill dam 205 feet in height, with a crest length of 5,050 feet and a hydraulic head of 181 feet. Fall Creek Reservoir has a surface area of 1,758 acres, with a storage capacity of 125,000 acre-feet at a normal maximum water surface elevation of 830

The project would consist of modifications to the existing facility by adding one 144-inch steel penstock approximately 650 feet long; a powerhouse containing three turbines capable of generating an estimated project capacity of 10 megawatts; a switchyard; and less than 1 miles of proposed 15kV transmission line. It is anticipated at this time that the proposed project would interconnect into the utility distribution systems owned by Lane Electric Cooperative.

The project would operate in a run-of-the-river mode, using flows of the Fall Creek, and would generate an estimated 18.7 GWh annually. Existing roads would access the project.

Lands within the project area include lands owned and/or operated by the US Army Corps of Engineers.

Upon approval, the proposed Fall Creek Dam Hydroelectric Project will provide enhanced value to the region's water resources, as well as urgently needed relief to the current national energy crisis.

EXHIBIT 2:

The applicant anticipates the need for the following studies:

- Flow studies
- Energy production studies
- Environmental impact studies
- Water quality studies
- Project land surveys
- Engineering studies, including soil studies, test pits and core holes.
- Study on energy needs
- Water rights studies

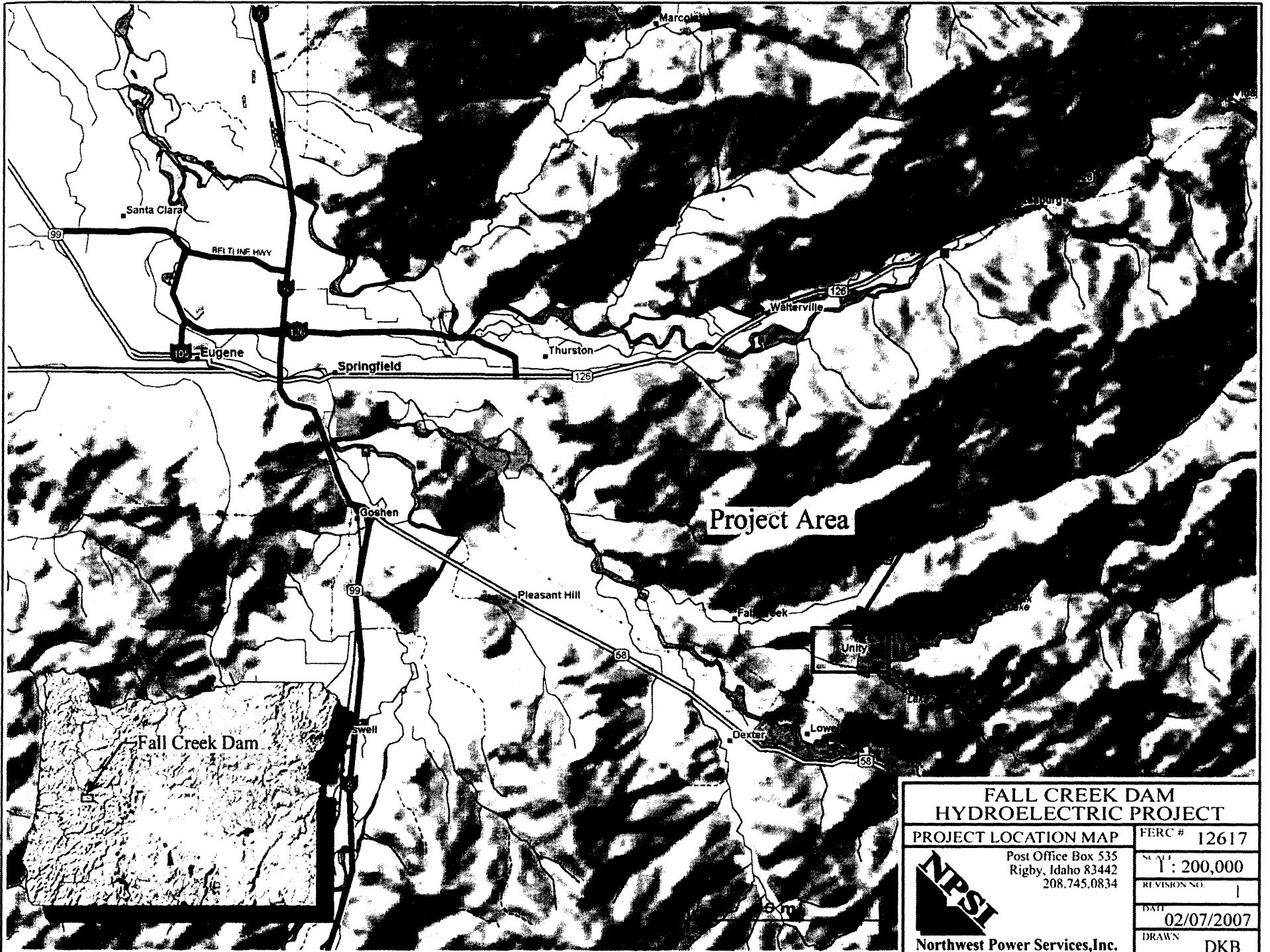
Additional studies may be required as issues arise.

EXHIBIT 3:

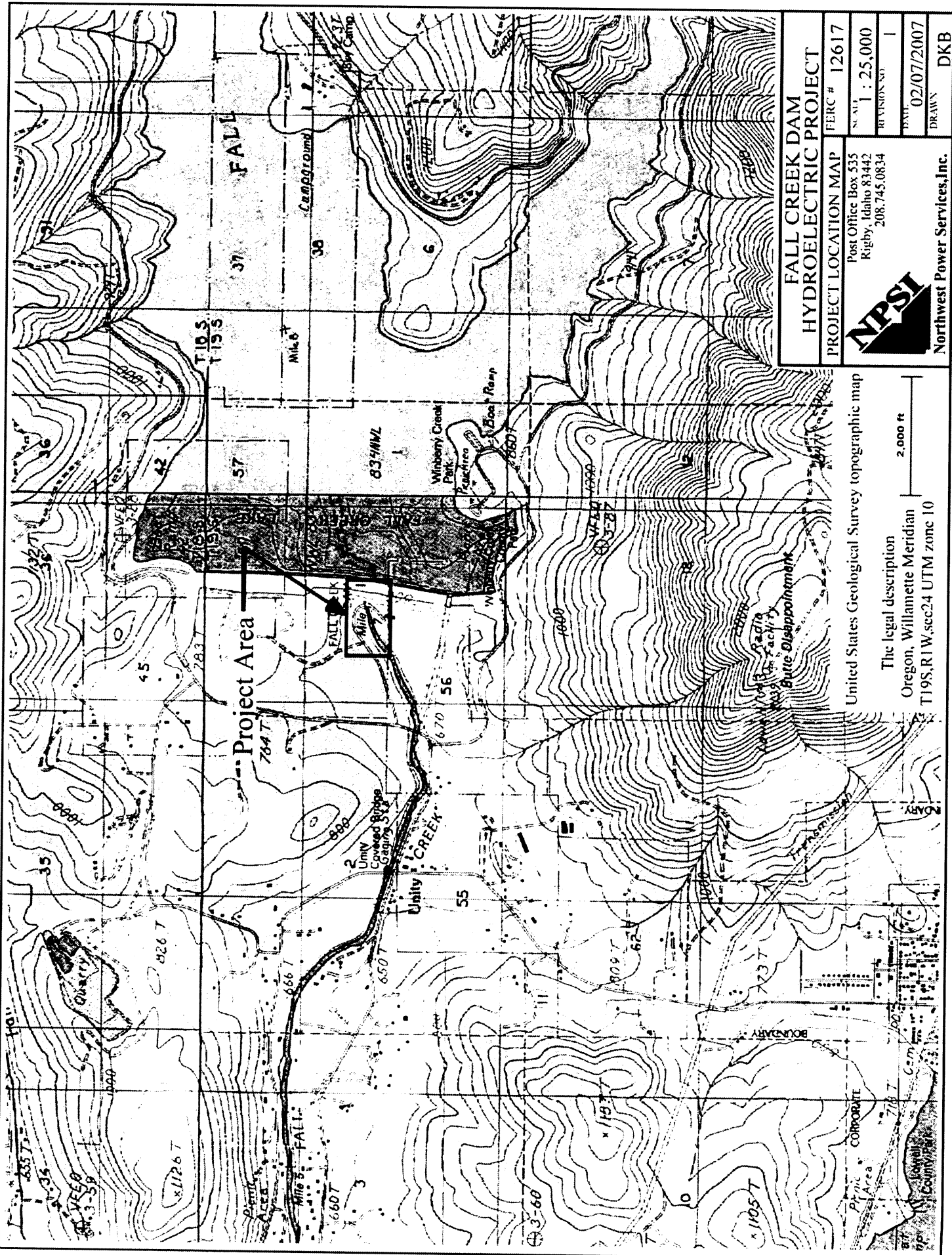
The cost to complete the proposed studies during the requested three-year period is estimated at \$500,000 to \$1,000,000. It is expected that private investors and members of the applicant will fund these costs.

EXHIBIT 4:

Please find attached the map of the project area, boundary and features.



FALL CREEK DAM HYDROELECTRIC PROJECT	
PROJECT LOCATION MAP	FERC # 12617
 Northwest Power Services, Inc.	Post Office Box 535 Rigby, Idaho 83442 208.745.0834
	SCALE: 1" = 200,000' REVISION NO. 1
	DATE: 02/07/2007 DRAWN: DKB



FALL CREEK DAM HYDROELECTRIC PROJECT	
PROJECT LOCATION MAP	FERC # 12617
Post Office Box 535 Rigby, Idaho 83442	SCALE 1 : 25,000
208.745.0834	REVISION NO 1
	DATE 02/07/2007
	DRAWN DKB



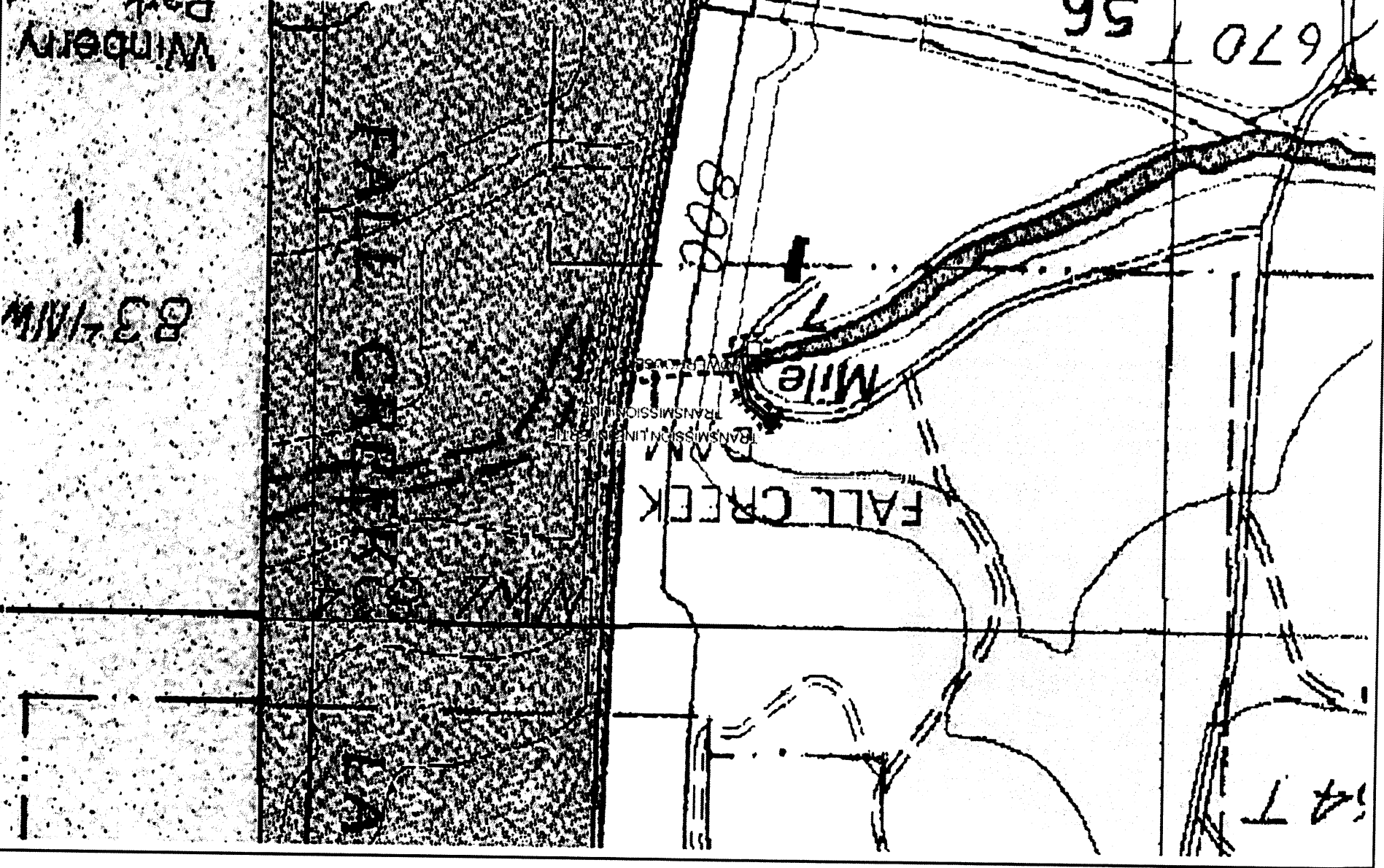
United States Geological Survey topographic map
 The legal description
 Oregon, Willamette Meridian
 T19S, R1W, sec24 UTM zone 10

PROJECT LOCATION MAP	
FERC # 12617	Post Office Box 535 Rigby, Idaho 83442 208.745.0834
SCALE 1 : 6,400	NPSI
REVISION NO. 1	Northwest Power Services, Inc.
DATE 02/07/2007	
DRAWN DKB	

The legal description
 Oregon, Williamette Meridian
 T19S, R1W, sec24 UTM zone 10

United States Geological Survey topographic map

800 ft



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