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ORIGINAL

2007 AUG 20 A 9:59

August 17, 2007

Kimberly D. Bose, Secretary
Federal Energy Regulatory Commission
888 First Street, N.E.
Washington, DC 20426

P-12965

Re: Preliminary Permit Application for the Wickiup Dam Hydroelectric Project

Dear Ms. Bose,

Please find enclosed an original and eight copies of the Preliminary Permit Application for the Wickiup Dam Hydroelectric Project.

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

Sincerely,

Symbiotics, LLC

Brent L. Smith
COO

mbiotics LLC
Post Office Box 535
Rigby, Idaho 83442
208 745 9630

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PRELIMINARY PERMIT APPLICATION

FOR THE

WICKIUP DAM HYDROELECTRIC PROJECT

PREPARED FOR:

Wickiup Hydro Group LLC
Rigby, Idaho

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PRELIMINARY PERMIT APPLICATION

FOR THE

WICKIUP DAM HYDROELECTRIC PROJECT

PREPARED FOR:
Wickiup Hydro Group LLC

PREPARED BY:
Symbiotics, LLC.
P.O. Box 535
Rigby, Idaho 83442

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Preliminary Permit Application
for the
Wickiup Dam Hydroelectric Project

GENERAL:

The applicant for the proposed Wickiup Dam Hydroelectric Project is Wickiup Hydro Group 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 Wickiup Hydro Group LLC have been and are currently involved in various phases of numerous projects in the past twenty years including projects in Idaho, Utah, Montana, Wyoming, Oregon and Hawaii.

The applicant, Wickiup Hydro Group 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:	Deschutes
Nearby Town:	La Pine
Body of Water:	*Deschutes River*

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

Wickiup Hydro Group LLC
P.O. Box 535
Rigby, Idaho 83442
Phone: (208) 745-0834

The project liaison for all correspondence is:

Mr. Brent L. Smith, COO
Symbiotics, LLC.
P.O. Box 535
Rigby, Idaho 83442
Phone: (208) 745-0834
Fax: (208) 745-0835
E-mail: bsmith@nwpwrservices.com

Secondary contact:

Dr. Vincent Lamarra, CEO
Symbiotics, LLC.
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.

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EXHIBIT 1:

The proposed Wickiup Dam hydroelectric generating facility would be located on an existing dam owned by The Bureau of Reclamation, on the Deschutes River in Deschutes County, Oregon. The contact individual for Deschutes County is Nancy Blankenship, County Clerk, at 1300 NW Wall Street, Suite 200, Bend, Oregon 97701. Part of the project would be on lands administered by The Bureau of Reclamation.

The proposed project would consist of an existing earthfill dam 100 feet in height, with a crest length of 13,860 feet and a hydraulic head of 80 feet. Wickiup has a surface area of 11,300 acres, with a storage capacity of 200,000 acre-feet at a normal maximum water surface elevation of 4,347 feet.

The project would consist of modifications to the existing facility by adding one 120-inch steel penstock approximately 400 feet long; a powerhouse containing two 2MW turbines capable of generating an estimated project capacity of 4 megawatts; and a switchyard. It is anticipated at this time that the proposed project would interconnect into the utility distribution systems owned by Midstate Electrical Cooperative already existing at the project site.

The project would operate in a run-of-the-river mode, using flows of the Deschutes River, and would generate an estimated 16GWh annually. The project would be accessed by existing roads.

Lands within the project area include lands owned and/or operated by The Bureau of Reclamation.

Upon approval, the proposed Wickiup 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

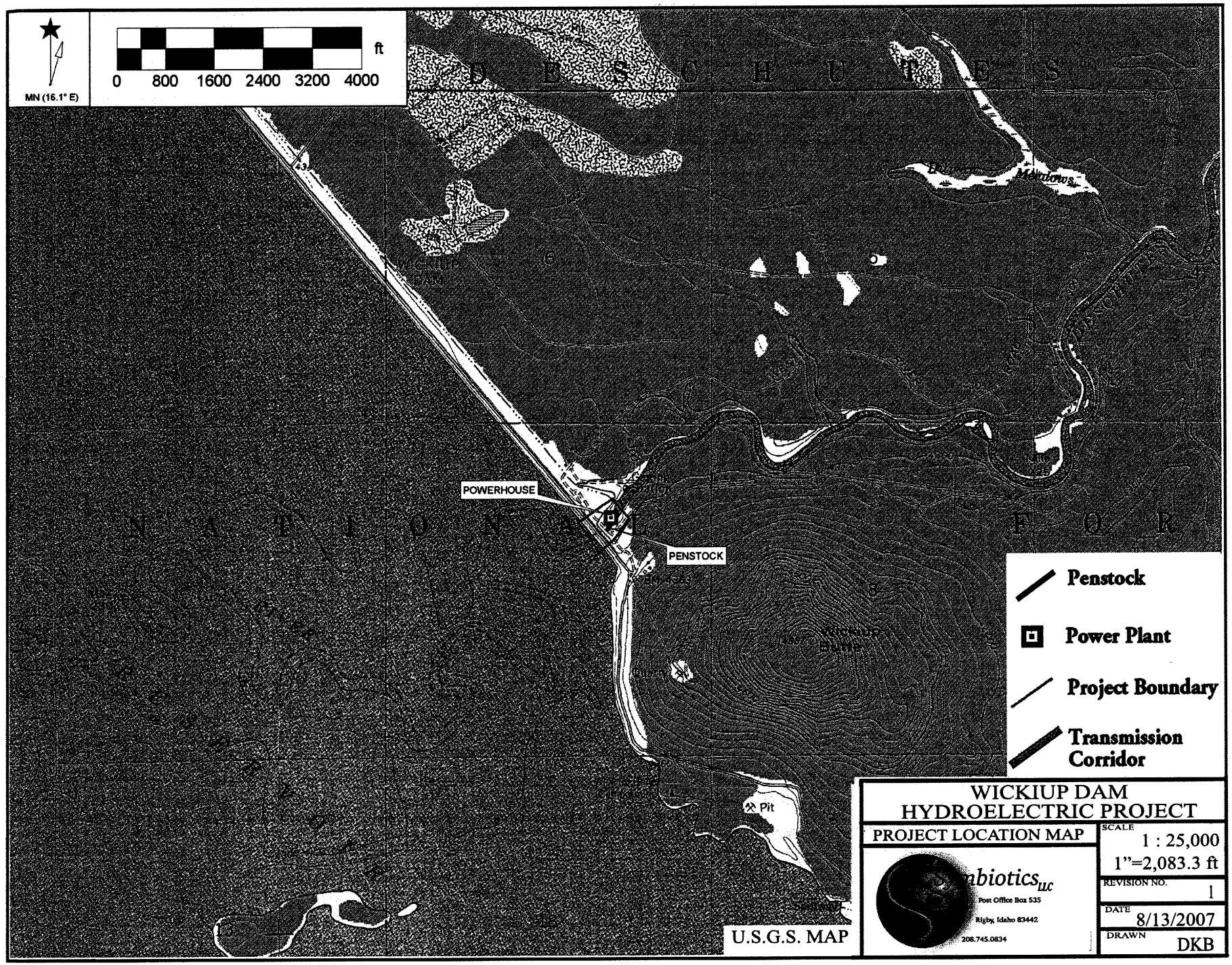
Additional studies may be required as issues arise.

EXHIBIT 3:

The cost to complete the proposed studies during the requested three year period is estimated at $750,000 to $1,500,000. It is expected that these costs will be funded by private investors and members of the applicant.

EXHIBIT 4:

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



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