NHG360022

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY NEW ENGLAND - REGION I 5 POST OFFICE SQUARE, SUITE 100 BOSTON, MASSACHUSETTS 02109-3912

Request for General Permit Authorization to Discharge Wastewater (Notice of Intent (NOI) to be covered by the General Permit)

Hydroelectric Generating Facilities (HYDROGP) NPDES General Permits No. MAG360000 and NHG360000

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١.	Facility Information		
	Indicate applicable General	Permit for discharge:	MAG360000

 Indicate applicable General Permit for di 	scharge: MAG360000
	NHG360000 X
2. Facility Name, Location, and Data: Name Pinhoke Hydro	Facility
Street/POBox 100 - 2 Main S	t City Simple t
State NH	Zin Code 12275
Latitude (12, 13 0 C3 3	Zip Code 03275 Longitude -71.45396°
Type of Business Paul Gran	vation
SIC Code(s)	16(, , , ,
	8
3. Facility Majling Address (if different from	m Location Address):
Name Algongum Power	
Street/PO Box 24 Mill St.	City 7/6/70:7
State NH	CityCity
4. Facility Owner: Akongwin Power	
Name Fund (America) Inc	a mail (antianal)
Street/PO Box 2945 By/s tol C	City Ochrician
State Activity Comments	7: Codo 1/11 7 117
Contact Donner A Canada	Zip Code L6H 7H7 W2 Telephone Number 905-465-4555
Contact Person /www.nass yant	1 Class 2 Tailed A Driver 2
	2. State 3. Tribal 4. Private
Other (Describe)	
2	
5. Facility Operator (if different from above	.j.
	e-mail (optional)
Street/PO Box	City
State	Zip Code
Contact Person	Telephone Number
-	
6. Current permit status (please check Yes	or No):
	general permit coverage) been granted for the discharge that is listed on
the NOI? Yes No X If Yes,	
b. Is the facility covered by an individual N	
If Yes, Permit Number	TDES permit: Tes NO
	file with EPA for this discharge? Yes No _X If Yes, date
of submittal:	

7. Attach a topographic map indicating the location of the facility and the attached? Yes	e outfall(s) to the receiving water. Map			
8. Provide the number of turbines and the combined turbine discharge (in minimum output, in cubic feet per second (cfs). Number of turbines / capacity): maximum output, cfs and minimum output, cfs and	nstalled capacity) at maximum and Combined turbine discharge (installed			
9. Is the hydroelectric generating facility operated as a pump storage pro	oject? No			
B. Discharge Information (attach additional sheets as needed).				
1. Name of receiving water into which discharge will occur:	cook River			
2. Attach a line drawing or flow schematic showing water flow through water, operations contributing flow, treatment units, outfalls, and recesschematic attached?				
3. List each outfall under the following categories and number sequentially: equipment-related cooling water; equipment and floor drain water; maintenance-related water; facility maintenance-related water during flood/high water events, and equipment-related backwash strainer water (see Parts I.A.1, 2, 3, and 4; or Parts I.B.1, 2, 3, and 4). Attach additional sheets to identify outfalls as needed.				
Equipment-related cooling water	Equipment and floor drain water			
See attached flow schematic				
	Facility maintenance-related water during lood/high water events			
See attached flow schematic				
Equipment-related backwash strainer water	•			
See attached flow schemati	C			
4. List each outfall discharging any combination of the following to ide related cooling water, equipment and floor drain water, maintenance-				

strainer water, and facility maintenance-related water during flood/high water events (see Parts I.A.5 and B.5)

and continue the sequential numbering. Attach additional sheets to identify outfalls as needed.

See attached flow schematic

NOI Information - NPDES Hydroelectric Facilities General Permit

Page 4/6

- 5. Provide for each outfall the following:
- a. Latitude and longitude to the nearest second (see EPA's siting tool at: http://www.epa.gov/tri/report/siting_tool/) and the name(s) of the receiving water(s) into which the discharge will occur.

 43. 13053 ; -71. 45396 Suncook Rivey

 b. The operations contributing flow and the treatment received by the discharge. Indicate the average flow from
- each operation. See attached low schematic
- c. Indicate if the discharge can be sampled at least once per year or can be sampled using the representative outfall sampling provisions (see Parts I.A.6 or B.6 and III.E).
- d. Note if the outfall discharges intermittently or seasonally.

es intermittently or seasonally. See affached flow schematic

C. Chemical Additives

Are any non-toxic neutralization chemicals used in the discharge(s)? Yes _____ No X If so, include the chemical name and manufacturer; maximum and average daily quantity used on a monthly basis as well as the maximum and average daily expected concentrations (mg/l) in the discharge, and the vendor's reported aquatic toxicity (NOAEL and/or LC50 in percent for typically acceptable aquatic organism).

D. Endangered Species Act Eligibility Information

A facility, with a previous ESA Section 7 consultation with the National Marine Fisheries Service (NMFS), seeking coverage under the Massachusetts general permit and discharging to the Connecticut River or Merrimack River should provide one of the following, if available.

- 1. A formal certification indicating consultation with the National Marine Fisheries Service (NMFS) resulted in either a no jeopardy opinion or a written concurrence on a finding that the discharges are not likely to adversely affect the shortnose sturgeon or critical habitat. Information should also be provided indicating the hydroelectric facility's previous ESA Section 7 consultation with NMFS covered the discharges to be authorized under this general permit and demonstrating no significant changes in the discharges have occurred since the previous consultation.
- 2. Another operator's certificate of the ESA eligibility for those discharges to be authorized under this general permit.

E. Supplemental Information

Please provide any supplemental information, including antidegradation review information applicable to new or increased discharges. Attach any certification(s) required by the general permit.

F. Signature Requirements

The Notice of Intent must be signed by the operator in accordance with the signatory requirements of 40 CFR Section 122.22 (see below) including the following certification:

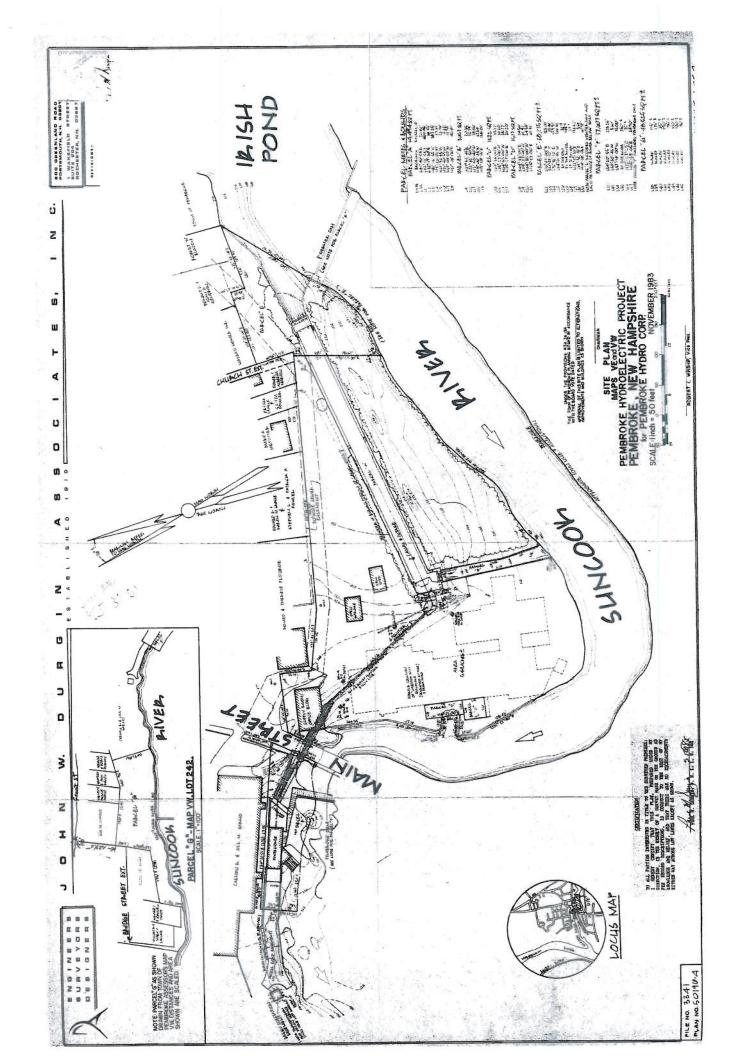
I certify under penalty of law that no chemical additives are used in the discharges to be authorized under this general permit except for those used for pH adjustment and (2) this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted.

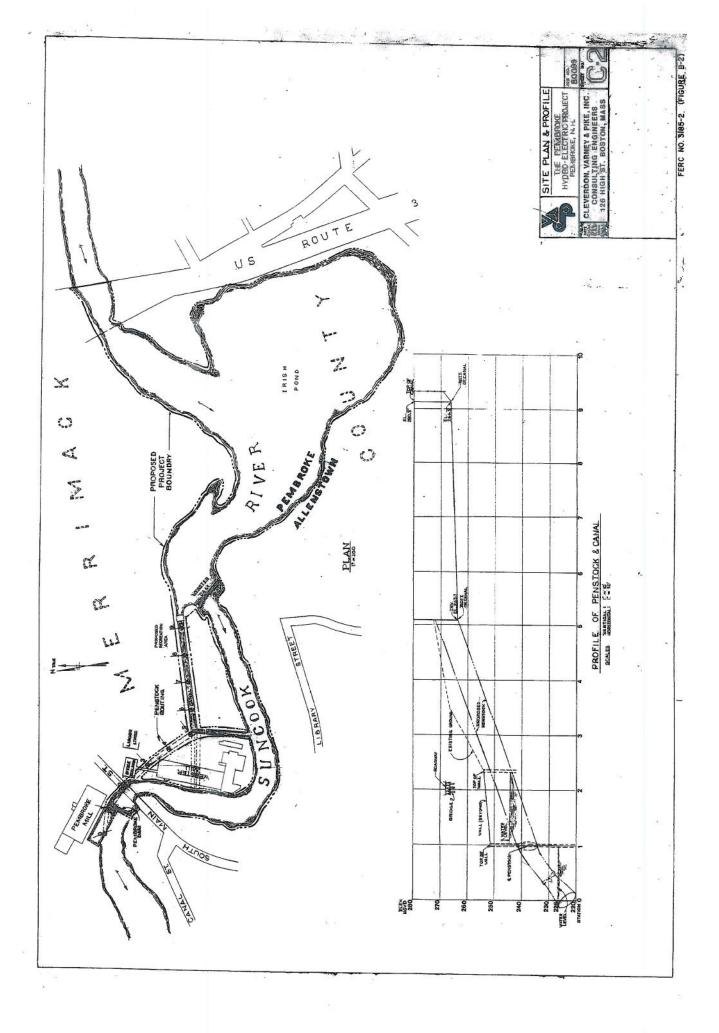
Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, I certify that the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature	Angu /2	Date Sp1 22/1
Printed Name and T	Fitle David Bronicheski, VP	

Federal regulations require this application to be signed as follows:

- 1. For a corporation, by a principal executive officer of at least the level of vice president;
- 2. For partnership or sole proprietorship, by a general partner or the proprietor, respectively, or,
- 3. For a municipality, State, Federal or other public facility, by either a principal executive officer or ranking elected official.







Pembroke Generating Station – Site Location Map

Pembroke Hydro - Suncook, NH

NPDES Permit Application Water Flow Schematic

