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

NHG360028

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

A. Facility Information

1. Indicate applicable General Permit for discharge: MAG360000 ____
NHG360000 X

2. Facility Name, Location, and Data:
Name Somersworth Hydroelectric Project
Street/POBox 82 Buffumsville Road City Somersworth
State New Hampshire Zip Code 03878
Latitude 43° 15' 15.00" N Longitude 70° 50' 39.00" W
Type of Business Hydroelectric power generation
SIC Code(s) 4911

3. Facility Mailing Address (if different from Location Address):
Name Somersworth Hydroelectric Project
Street/PO Box One Tech Drive Suite 220 City Andover
State Massachusetts Zip Code 01810

4. Facility Owner:
Name Somersworth Hydro Company, Inc. e-mail (optional) _____
Street/PO Box One Tech Drive Suite 220 City Andover
State Massachusetts Zip Code 01810
Contact Person Adam Sotirakopoulos Telephone Number 508-681-1900
Owner is (check one): 1. Federal____ 2. State _____ 3. Tribal_____ 4. Private X
Other (Describe)_____

5. Facility Operator (if different from above):
Legal Name_____ e-mail (optional) _____
Street/PO Box_____ City_____
State_____ Zip Code_____
Contact Person_____ Telephone Number_____

6. Current permit status (please check Yes or No):
a. Has a prior NPDES permit (individual or general permit coverage) been granted for the discharge that is listed on the NOI? Yes ____ No X If Yes, Permit Number: _____
b. Is the facility covered by an individual NPDES permit? Yes_____ No X
If Yes, Permit Number _____
c. Is there a pending NPDES application on file with EPA for this discharge? Yes _____ No X If Yes, date of submittal: _____ and permit number if available: _____

7. Attach a topographic map indicating the location of the facility and the outfall(s) to the receiving water. Map attached? Yes

8. Provide the number of turbines and the combined turbine discharge (installed capacity) at maximum and minimum output, in cubic feet per second (cfs). Number of turbines 4 Combined turbine discharge (installed capacity): maximum output, cfs 1050 and minimum output, cfs 286

9. Is the hydroelectric generating facility operated as a pump storage project?

B. Discharge Information (attach additional sheets as needed).

1. Name of receiving water into which discharge will occur: Salmon Falls River
   Freshwater: X Marine Water: _____

2. Attach a line drawing or flow schematic showing water flow through the facility including sources of intake water, operations contributing flow, treatment units, outfalls, and receiving waters(s). Line drawing or flow schematic attached? Yes

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
Maintenance-related water	Facility maintenance-related water during flood/high water events
Equipment-related backwash strainer water	

4. List each outfall discharging any combination of the following to identify the combined discharges: equipment-related cooling water, equipment and floor drain water, maintenance-related water, equipment-related backwash 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.

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.

b. The operations contributing flow and the treatment received by the discharge. Indicate the average flow from each operation.

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.

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 LC_{50} 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 _____ Date 7/18/2012

Printed Name and Title Stephen D. Pike, Vice President

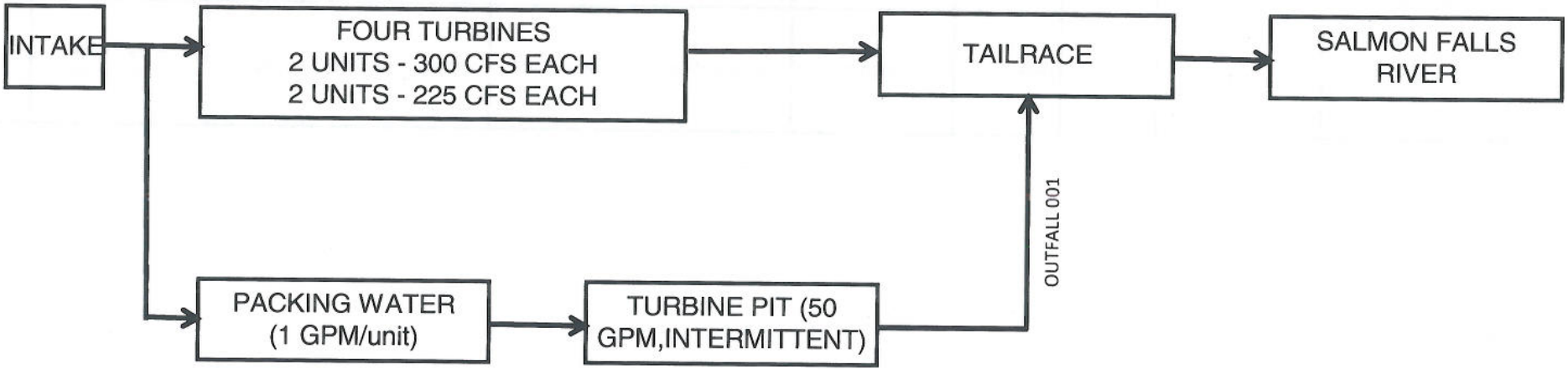
Federal regulations require this application to be signed as follows:

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.

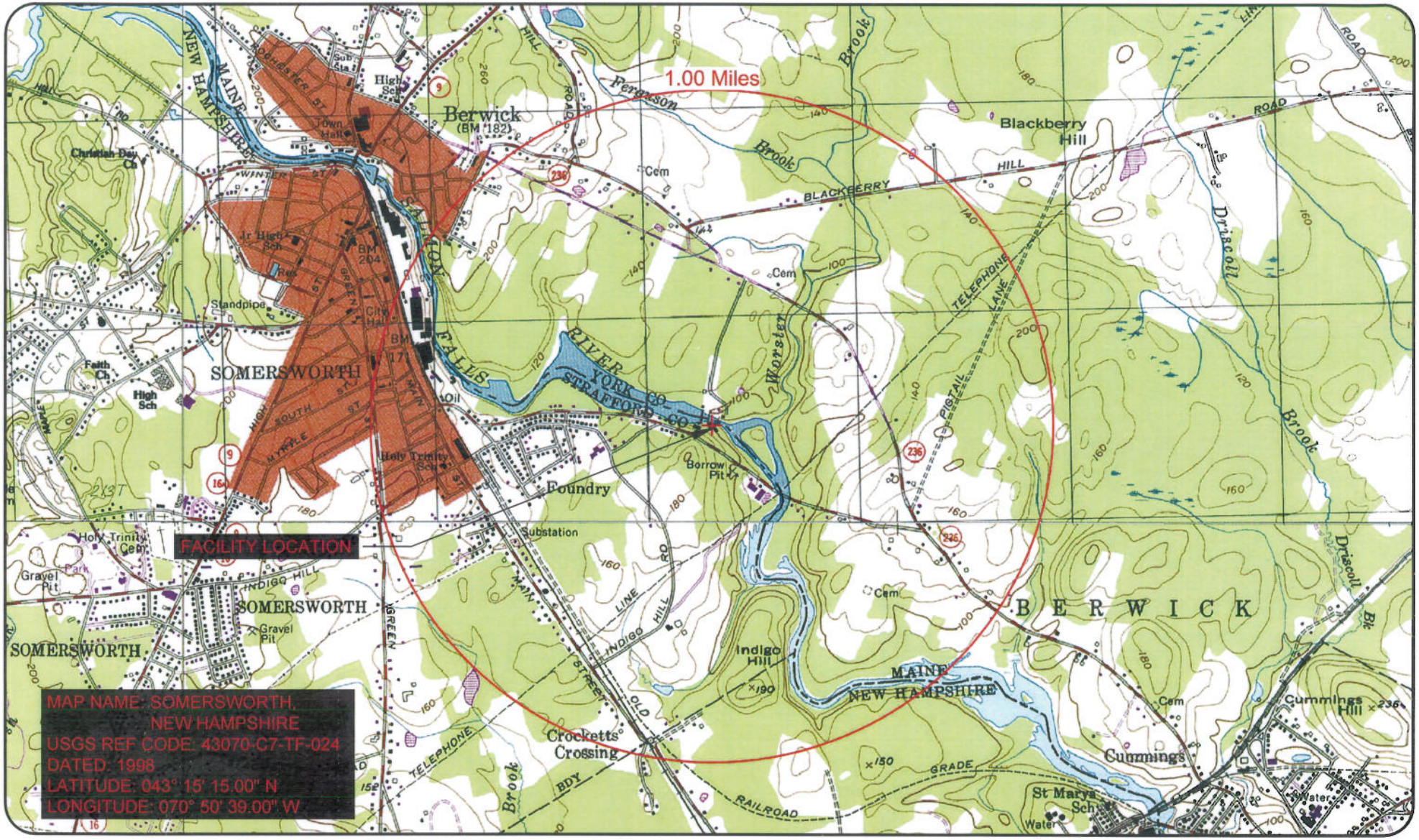
Somersworth Hydroelectric Project

Somersworth, NH

Notice of Intent Attachment 1



\\CEE-SBS2011\CAD DRAWINGS\ENEL 08-034\NH_SOMERSWORTH\2 - IN PROGRESS\ENEL_SOMERSWORTH_FIGURE1_REVA.DWG



PROJECT TITLE: NPDES Permitting	CLIENT: Somersworth Hydroelectric Project Somersworth Hydro Company, Inc.	Capaccio Environmental Engineering, Inc. 293 Boston Post Road-West Marlborough, MA 01752 (508) 970-0033 * www.capaccio.com "Helping Industry and the Environment Prosper"	JOB NO: 08-034.013 SCALE: 1" = 2083'-0" REV: A DRW: CPC CHK: CAW ENG: DATE: 05-04-12	SHEET: Figure 1	
DRAWING TITLE: Site Location Map	JOB LOCATION: 82 Buffumsville Road Somersworth, NH 03878			NORTH	SIZE: A