



TransCanada

In business to deliver

US Northeast Hydro Region
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MAG360015

3/5/10
received

February 26, 2010

US Environmental Protection Agency
Hydroelectric GP Processing
Municipal Assistance Unit (OEP06-3)
5 Post Office Square - Suite 100
Boston, MA 02109-3912

RE: Notices of Intent for Coverage under HYDROGP # MAG360000

Dear Sir or Madame,

Enclosed please find Notices of Intent (NOIs) and attachments for five (5) TransCanada Hydro Northeast Inc. hydroelectric generating facilities located in Massachusetts. TransCanada is seeking National Pollutant Discharge Elimination System (NPDES) permit coverage under the Hydroelectric Generating Facilities General Permit (HYDROGP) #MAG360000. These facilities currently operate under expired, but administratively continued, individual permits.

If you have any questions or need additional information please contact me at (603) 445-6803 or at davidpaul_murray@transcanada.com.

Sincerely,

A handwritten signature in black ink that reads "David P. Murray".

David P. Murray
Environmental Specialist

Enclosures: Five (5) Notices of Intent for facilities to be covered under MAG360000.

cc: Massachusetts Department of Environmental Protection - Division of Watershed Management

7. Attach a topographic map indicating the location of the facility and the outfall(s) to the receiving water. Map attached? Fig 1

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 3 Combined turbine discharge (installed capacity): maximum output, cfs 1,500 and minimum output, cfs 0

9. Is the hydroelectric generating facility operated as a pump storage project? No

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

1. Name of receiving water into which discharge will occur: Deerfield 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? Fig 2

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

001-Units #1-3 bearings

Equipment and floor drain water

none

Maintenance-related water

none

Facility maintenance-related water during flood/high water events

none

Equipment-related backwash strainer water

none

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.



0 1,000 2,000 3,000 Feet



Wannalancit Mills
650 Suffolk Street
Lowell, MA 01854
978-970-5600

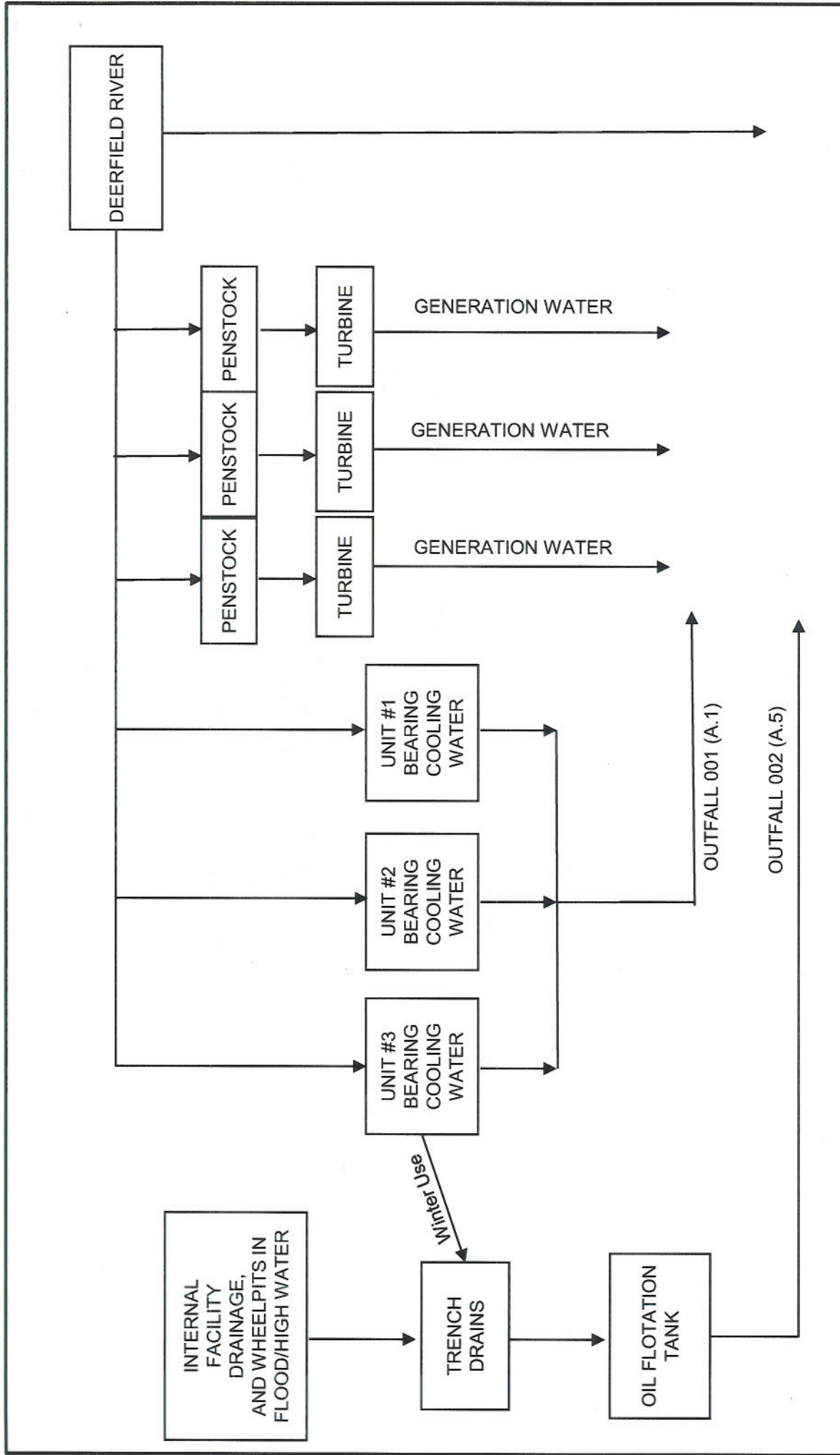
SITE LOCATION MAP

TRANSCANADA HYDRO NORTHEAST, INC.
NO. 3 STATION
BUCKLAND, MA

FIGURE 1

FEBRUARY 2010

Base map: USGS Topographic Quadrangles: Greenfield



TransCanada Hydro Northeast Inc.
DEERFIELD NO. 3 STATION - BUCKLAND, MA
MA0034851

FLOW DIAGRAM

Figure 2

DATE: February 25, 2010