

**Registration Pursuant To
Section 28 of the Environmental
Assessment Regulations 2002
Installation of a Section of Distribution Line
Within Two Hundred (200) Meters of
Hampden River White Bay,
A Scheduled Salmon River**

October 17, 2002

PROPOSER:**(i) Name of Corporate Body:**

Newfoundland & Labrador Hydro

(ii) Address:

P.O. Box 12 400
Hydro Place
2 Captain Whelan Drive
St. John's
Newfoundland and Labrador
A1B 4K7

(iii) Chief Executive Officer:

Name: Mr. William E. Wells
Official Title: President and Chief Executive Officer
Telephone #: (709) 737 1291

(iv) Principal Contact for the Purpose of Environmental Concerns:

Name: Mr. Wayne Lidster
Official Title: Environmental Coordinator
Environmental Services and Properties Department
Telephone #: (709) 737 1963
(709) 682 1250

THE UNDERTAKING:

(i) Name of the Undertaking:

Service Installation Crossing Hampden River, White Bay

(ii) Nature of the Undertaking:

The major scope of the project includes the extension of an existing 7.2 kV standard distribution line to provide service to a chlorination building for the town of Hampden, White Bay, Newfoundland and Labrador.

(iii) Purpose/Rationale/Need for the Project:

This service installation and line extension is being undertaken at the request of a customer, for electrical power to the chlorination unit inn the Hampden Protected Water Supply area. The line extension will require work within 200 meters of thee river and stringing of conductor in a narrow corridor across the river.

DESCRIPTION OF THE UNDERTAKING:

(i) Geographic Location:

Hampden River is located at the foot of White Bay on the Great Northern Peninsula (Figure 1). The line at Bayside will be tapped into and extended across the river valley and south along the base of Mount Hoggarty as indicated in the 1:50 000 scale map sheet provided.

(ii) a) Proposed route:

The route will begin at the existing distribution wood pole structure number 358 and follow a general westerly route for 469 meters and a southerly route to the chlorination building for 1111 meters. The total length of the re-route will be 1580 meters.

This is located in an area known as the Central Newfoundland Ecoregion and borders on what is known as the Eastern Long Range subregion. It is a heavily forested region with rolling topography with more precipitation and a shorter vegetative season than other regions.

Construction:

(a) Construction Schedule:

Newfoundland and Labrador Hydro forces will carry out construction over a three (3) week period upon receipt of required permits and release the

Environmental Assessment Regulations. As with all customer service requests, electrical hook up is presumed to be expedient once requested.

(b) Construction Activities:

The major construction activities associated with this distribution line include:

- Surveying;
- Brush Clearing
- Material Handling and Distribution;
- Pole Installation;
- Anchor Installation
- Conductoring; and
- Clean Up and Rehabilitation.

(c) Potential Sources of Pollutants:

The potential sources of pollutants during the construction period would include the siltation of streams or water bodies and hydrocarbon leakage from temporary fuel storage facilities and construction equipment.

(d) Potential Resource Conflicts:

A ground survey will be conducted by Hydro's Environmental Services and Properties Department to assess the location of structures in relation to the river. Mitigation will be employed to reduce potential disturbance at these locations.

Standard environmental mitigation will be put in place when working near the river as well as adherence to any special requirements identified in the approval process. This work is not anticipated to have adverse environmental impacts. Buffer zones to the river will be maintained. Fording of the river is not required.

(ii) Operation:

This distribution line will be constructed using permanent structures with a minimum operating life of 40 years.

(a) Maintenance:

The distribution line will be inspected from the ground annually. All terrain vehicles and snowmobiles will be used to transport workers and equipment during ground inspections. Vegetation management of the right-of-way will be conducted every five (5) to ten (10) years as determined necessary by vegetation surveys of the distribution line.

(b) Potential Source of Pollutants:

Potential sources of pollutants will be limited to those, which may result from the use of all-terrain vehicles along the line during routine inspection and maintenance. All equipment will be inspected routinely to ensure that no hydrocarbon (i.e.; gasoline, diesel fuel, lubricating oil, hydraulic fluid, etc.) leaks occur.

(c) Potential Resource Conflicts:

Newfoundland & Labrador Hydro undertakes an Integrated Vegetation Management Program to manage vegetation within transmission and distribution line rights-of-way. This program involves manual cutting of brush and the application of herbicides depending on the particular section of right-of-way to be managed. No herbicides will be applied in a domestic water supply area.

An Integrated Vegetation Management Plan requires follow up every five (5) to ten (10) years depending on the location within the province. All vegetation management activities are undertaken subject to approval from the Pesticide Control Section, Department of Environment and with adherence to the Pesticide Control Act and Associated Regulations.

Conflicts with the fisheries resources along the right-of-way are not anticipated during maintenance activities.

(iii) Occupations:

The occupations required to construct this undertaking are:

- Civil Engineers;
- Electrical Engineers;
- Ecologists;
- Environmental Monitors;
- Engineering Technicians;
- Land Surveyors;
- Heavy Equipment Operators;
- Line Workers;
- Ground Workers; and
- Laborers.

(iv) Approvals for the Undertaking:

The following is a list of permits, approvals, and authorizations, which may be necessary for the proposed project:

- (a) Release of the Undertaking under the Environmental Assessment Regulations – issued by the minister of the Department of Environment;

- (b) Easement Rights for a Power Line Over Crown Land – Lands Branch, Department of Environment;
- (c) Municipal Approvals - Department of Municipal Affairs;
- (d) Quarry Permit – Mineral Land Division, Department of Mines and Energy;
- (e) Approval under the Navigable Waters Protection Act, Department of Fisheries and Oceans Canada;
- (f) Approval for Cutting of Timber and Forest Travel under the Forestry Act, Department of Forestry and Agrifoods;
- (g) Approval to work within the boundary of a Protected Water Supply Area under the Water Resources Act, Department of Environment, Water Resources Division.

(v) Schedule:

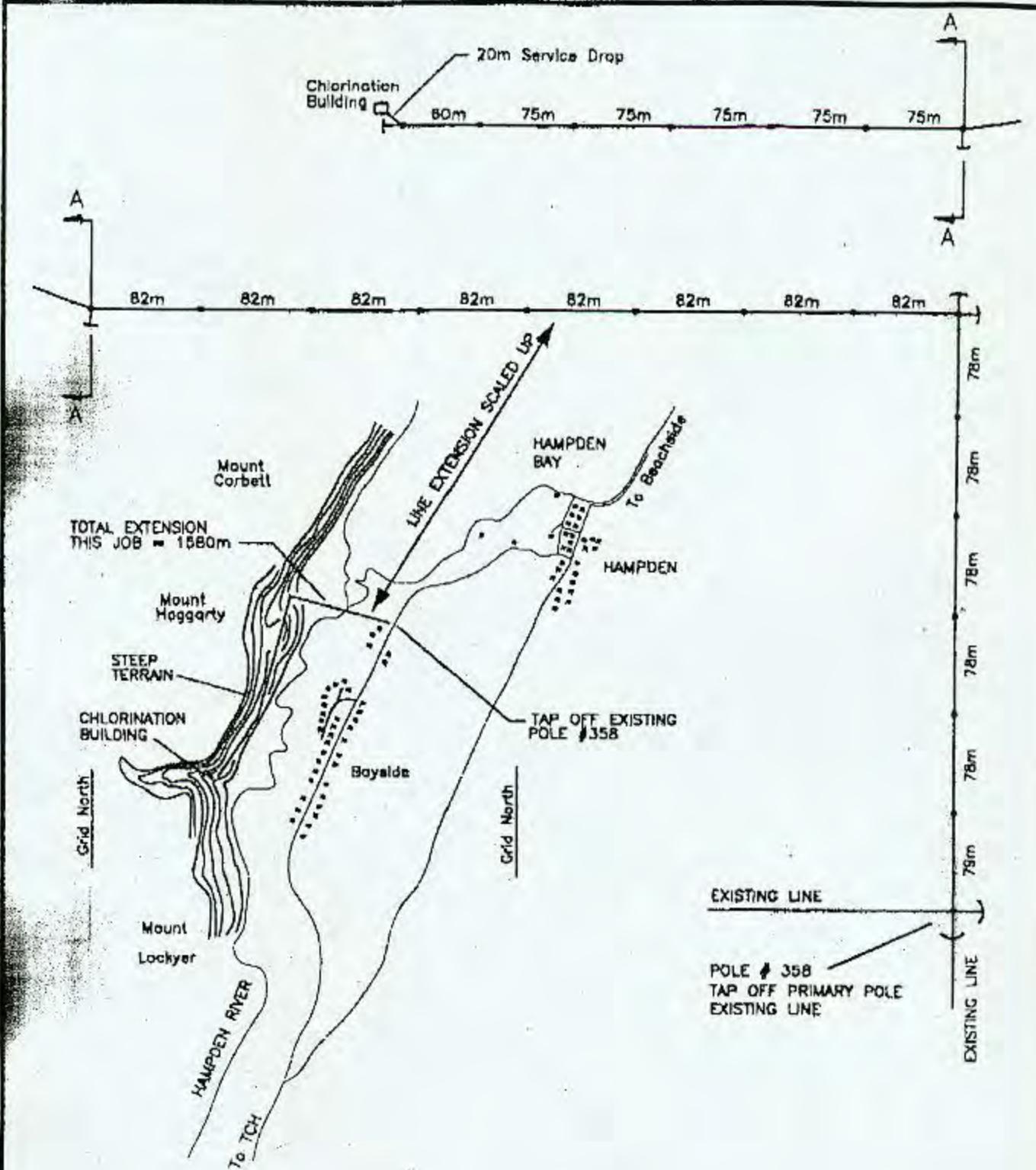
The proposed project release date for this undertaking December 2002.

(vi) Funding:

This project does not depend on federal funding.

Date

original signed by
William E. Wells
President and Chief Executive
Officer



NEWFOUNDLAND AND LABRADOR HYDRO

SCALE

DRAWN TT

CHECKED

APPROVED

PROPOSED LINE EXTENSION
CHLORINATION BUILDING
HAMPDEN

DATE: 02-09-16

W.O. NO. TA ~ 286964

DWG. NO. 1074

REV.

