



Environment
Canada

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Environmental Protection
135 St. Clair Avenue West
TORONTO, Ontario
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Protection de
l'Environnement

January 12, 1977

Heather Mitchell
Counsel
Canadian Environmental Law Association
Suite 303
1 Spadina Crescent
TORONTO, Ontario
M5S 2J5

Your file Votre référence

Our file Notre référence

RE: PLUARG LEGISLATIVE STUDY

Dear Heather:

Enclosed please find:

1. Report No. 4 (Transportation Corridors) (Draft).
2. Salary Expense Claim (Draft).
3. Invoices.
4. Memo to G. Bangay re: interim transmittal.

CELRF to:

1. Prepare letter of transmittal.
2. Have cover retyped on CELRF letterhead as per previous reports. (Please drop "Draft Only" when content report reviewed to CELRF satisfaction)*.
3. Complete invoice/expense claim for CELRF generated expenses if any. Print on CELRF letterhead as per previous reports.
4. Send CELRF reviewed Report, claims and invoices to G. Bangay (Invoice copies to P. Blair at D.S.S.)

*I wish to know of any proposed changes of substance before they are made.

More, More, More.

Yours very truly,

Joe Castrilli

Encl.
JC/mm



TO: G. Bangay, Co-Ordinator
Land Drainage Studies
Canada Centre for Inland Waters
P.O. Box 5050
Burlington, Ontario

FROM: J. Castrilli
DE: EPS
135 St. Clair Avenue West
Toronto, Ontario M4V 1P5

SUBJECT
OBJET

Pollution from Land Use Activities
Reference Group, Legislative Study
Interim Report No. 4

SECURITY - CLASSIFICATION - DE SÉCURITÉ
OUR FILE - N/RÉFÉRENCE 4907-2-1
YOUR FILE - V/RÉFÉRENCE
DATE January 12, 1977

Enclosed is Interim Report No. 4 (Transportation Corridors) for the above study. Material in the body of the report is accurate to the end of September 1976 except where otherwise indicated in the report itself.

A questionnaire developed for the highway de-icing salts part of the study is enclosed for your reference. This questionnaire was directed to Ministry of Environment regional offices which are principally responsible for controlling salt contamination. (Technical Support Sections generally).

As per previous reports I would appreciate your comments in pointform.

Joe Castrilli

JC/mm
Encl.

QUESTIONNAIRE

1. Approximately what percent of (a) municipalities (b) commercial operators and (c) local MTC offices in your region submit information and records to your regional or district offices respecting:
 - (i) the type of deicing agent they employ;
 - (ii) the rate of salt application;
 - (iii) the frequency of application;
 - (iv) the road areas covered (i.e. thoroughfares, critical sections of other roadways such as inclines, intersections, crosswalks, etc.);
 - (v) other items respecting winter de-icing operations not specified above?

2. In your office's experience are (a) municipalities (b) commercial operators and (c) local MTC offices following Ministry of Environment guidelines and recommendations respecting items listed in question #1.

- 3 (a) Since Fall 1975 has your region conducted investigations and prepared reports respecting the winter road operations of:
 - (i) municipalities
 - (ii) commercial operators
 - (iii) local MTC officesas to whether they follow MOE guidelines and recommendations respecting the minimization of salt contamination to surface and groundwaters?

- (b) Could copies of these reports be forwarded for my information and guidance?

- 4 (a) In your office's experience are municipalities, commercial operators and local MTC offices in your region following MOE guidelines and recommendations respecting salt storage area coverage to prevent surface and groundwater contamination?

- (b) If any investigations or other reports on matters listed in 4 (a) have been prepared by your office could copies of them be forwarded for my information and guidance?

- 5 If direct snow disposal to (a) watercourses, or (b) ice-covered lakes and rivers, is practiced in your region how many approvals have been issued by your office since Fall 1975 to municipalities, commercial operators or local MTC offices? How many refusals?

- 6 How many snow disposal land sites are in use in your region?

- 7 Are all snow disposal land sites in use in your region brought to your attention for your office's evaluation prior to commencement of seasonal operations?

- 8 If applicable, since Fall 1975 has your region conducted

investigations and prepared reports on snow disposal practices listed in questions #6 and 7 to determine if MOE guidelines for minimizing contamination to surface and groundwaters are being followed?

9. What institutional, administrative or legislative/regulatory measures do you perceive as necessary or advisable in controlling water pollution from snow disposal and road salt application and storage?

JC/el.

INVOICE

Same identifying numbers as previous interim reports.

COSTS

To end of September, 1976

Salary

8 days @ \$103.00 per day \$ 824.00

Expenses

Xeroxing 73 pages @ 5¢ per page* 3.65

Special Purchase (receipt attached) 9.50

\$ 837.15

* Done at University of Toronto Law Library - no receipt available.

Handwritten notes:
Done at
Sec. 25.18.12