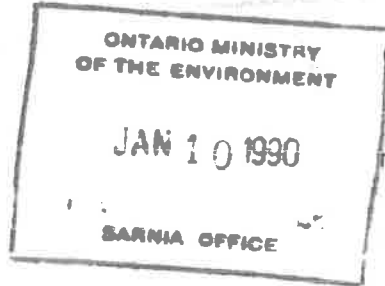




Ministry of the Environment

Ministère de l'Environnement

SOUTH WEST REGION



Certificate of Approval (Air)
Certificat d'autorisation (Air)

Number / Numéro 8-1184-89-006

JAN 8 9 52 AM '90

Owner/Operator / Propriétaire/exploitant:

LONDON REGIONAL OFFICE

Tricil (Sarnia) Limited
265 North Front Street, Suite 502
Sarnia, Ontario N7T 7X1

Located at / Situé(e)(s) à:

Part of Lot 9, Concession 10, Moore Township, County of Lambton, Ontario

This approval is for / La présente autorisation s'applique:

two (2) Canlab Model No. 151A laboratory fume hoods, one (1) Labconco Model 128 laboratory fume hood and one (1) Fisher Model No. 93-5090 laboratory fume hood, each having a maximum capacity of 0.33 normal cubic metre per second, exhausting via separate stacks of 0.33 metre in diameter extending 3.0 metres above the roof and 8.0 metres above grade,

one (1) wall exhaust fan having a maximum capacity of 0.07 normal cubic metre per second, serving a chemical storage cabinet,

all in accordance with application dated November 2, 1989, signed by E. Hunter, and as per supporting information prepared and submitted by Brian G. Butler and Associates Ltd.

THIS IS A TRUE COPY OF THE ORIGINAL CERTIFICATE MAILED

DEC 27 1989

DATED AT TORONTO this
DATÉ À TORONTO ce

21

day of
jour

December 1989

cc : D. A. McTavish, MOE SW, Reg. Dir.

/pm

[Signature]

Director, Section 8
Environmental Protection Act
Directeur, Section 8
Loi sur la protection de l'environnement



Ontario

Ministry
of the
Environment

Ministère
de
l'Environnement

Approvals Branch
3rd Floor

250 Davisville Avenue
Toronto, Ontario
M4S 1H2

250, avenue Davisville
Toronto (Ontario)
M4S 1H2

440-6984
December 21, 1989

Mr. Eric Hunter
Tricil (Sarnia) Ltd.
265 North Front Street
Suite 502
Sarnia, Ontario
N7T 7X1

Dear Mr. Hunter:

RE: Certificate of Approval (Air)
MOE Application No. 8-1184-89

Please find enclosed this Ministry's Certificate of Approval No. 8-1184-89-006 for the exhaust systems serving a new laboratory.

Based on the information submitted with your application, the equipment is capable of operating within this Ministry's requirements and therefore it is not anticipated that any odour problems would arise from the proposed laboratory fume hoods.

However, the use of dispersion in lieu of a positive method of odour control may under certain atmospheric conditions result in odour problems off the property.

It should be emphasized that if, at any time, the effects of the emissions from your operation are significant enough to contravene the Regulations written under the Environmental Protection Act (either by exceeding point of impingement standards or causing odour problems), you will be required to make the necessary changes to effect compliance with the Regulations.

Yours truly,

P. DeAngelis, P. Eng.,
Supervisor
Industrial Approvals Section

QN/pm
Encl.

cc:- D. A. McTavish, MOE SW, Reg. Dir.

ENGINEERING ASSESSMENT

Application No: S-1184-89
Applicant: Tricil (Sarnia) Ltd
Municipality: Tricil
Date received: November 6, 1989
Date reviewed: November 24, 1989
Prepared by: Quynh Nguyen

Tricil Ltd proposes to construct a new laboratory where they analyse hazardous waste samples from customers to identify all material that is accepted or rejected for their on-site disposal service.

The lab is equipped with four laboratory fume hoods, each exhausting at a maximum rate of 700 CFM via separate stacks of 0.33 m in diameter, extending 3 m above the roof and 8 m above grade. They also have 2 chemical storage cabinets vented by a wall exhaust fan rated at 150 CFM to store sealed chemicals containers.

The chemicals used are mostly volatile organic chemicals such as benzene, toluene, xylene escaping in trace amount to the atmosphere via the fume hoods. The rates of emission of the above contaminants were estimated using monitoring results of existing fume hoods. These low emission rates result in FDI concentrations which are below the requirements.

The surrounding land is zoned agricultural. Local office staff - M. Moroney - has no objection to the proposed installation.

Based on all of the above it is not anticipated that any problem would arise from the laboratory uses of the fume hoods in question.

C of A accompanied by an odour letter recommended.

Quynh Nguyen

AIR RESOURCES BRANCH
APPROVALS RECORD FOR
EMISSION INVENTORY UPDATE

FORM UP-12

SW Region District

Company Name: Tricil (Sarunia) Ltd

Source Location: Moore Township

Contact: Eric Hunter Telephone: 519-332-0720

Nature of Business: _____

Type of Equipment for Approval: 4 Chemical lab fume hoods

Combustion	Process	Incineration
New <input type="checkbox"/>	New <input type="checkbox"/>	New <input type="checkbox"/>
Modification <input type="checkbox"/>	Modification <input type="checkbox"/>	Modification <input type="checkbox"/>

General Description: _____

Equipment Production or Feed Rate: 1b/hr n/a Quantity/yr: _____

Specify kind of product or Feed _____

Control Equipment: _____ Estimated Efficiency _____

PART A Preliminary Assessment - Regional Office

Type of Application	<input type="checkbox"/> Simple, complete Part B	Significant Pollutants (lb/yr)
	<input type="checkbox"/> Complex, forward to Environmental Approvals Branch	

Application Attached Yes No

Form Initiated By: _____ Date: _____

PART B Approval

Application No: 8-1184-89

Anticipated Completion Date: _____

Application Confirmation: Approved Cancelled Denied

Comments: _____

Approved By: Quynh Nguyen Date: Nov 24/89

PART C Air Resources Branch

New Source Logged: _____ Date: _____

Update Requested _____ Date: _____

Date Completed: _____

PART D Installation Check - District Office

Satisfactory Not operational Unsatisfactory

Comments: _____

Inspected by: _____ Date: _____



Ontario

Ministry of the Environment
Ministère de l'Environnement

AMENDMENT TO CERTIFICATE OF APPROVAL
AIR
NUMBER 8-1184-89-937
Notice No. 1

****DO NOT MAIL****

Clean Harbors Canada, Inc.
3255 North Service Road
Burlington, Ontario
L7N 3G2

Site Location: Lot 9, Concession 10
Moore Township, County Of Lambton

You are hereby notified that I have amended Certificate of Approval No. 8-1184-89-937 issued on April 22, 1993 for (brief reference description of the subject matter of the original approval entered by Reviewer) , as follows:

This name change was processed before the implementation of the IDS Name/Address change module. As a result, in order to move the files from the Active database to the completed database, the electronic files have to be manually moved over by the IDS team. Please see General Letter for Name Change notification.

This Notice shall constitute part of the approval issued under Certificate of Approval No. 8-1184-89-937 dated April 22, 1993

In accordance with Section 139 of the Environmental Protection Act, R.S.O. 1990, Chapter E-19, as amended, you may by written notice served upon me and the Environmental Review Tribunal within 15 days after receipt of this Notice, require a hearing by the Tribunal. Section 142 of the Environmental Protection Act, provides that the Notice requiring the hearing shall state:

1. The portions of the approval or each term or condition in the approval in respect of which the hearing is required, and;
2. The grounds on which you intend to rely at the hearing in relation to each portion appealed.

The Notice should also include:

3. The name of the appellant;

AMENDMENT TO CERTIFICATE OF APPROVAL
AIR
NUMBER 8-1184-89-937
Notice No. 2
Issue Date: September 8, 2009

Clean Harbors Canada, Inc.
4090 Telfer Rd
Rural Route, No. 1
Corunna, Ontario
N0N 1G0

Site Location: 4090 Telfer Road
St. Clair Township, County of Lambton

You are hereby notified that I have amended Certificate of Approval No. 8-1184-89-937 issued on April 22, 1993 for laboratory fume hoods and exhausts , as follows:

I. The following equipment has been added:

- one (1) Inductively Coupled Plasma (ICP) mass spectrometry, discharging to the atmosphere as described in Schedule "A";
- one (1) sample disposal enclosure exhaust, discharging to the atmosphere as described in Schedule "A";
- one (1) Despatch oven exhaust, discharging to the atmosphere as described in Schedule "A";

II. The following rows of information have been added to Schedule "A":

STACK NO.	HEIGHT ABOVE GRADE (metres)	EXIT DIMENSIONS (metres)	VOLUMETRIC FLOW RATE (actual cubic metres per second)	SOURCE
10	8.00	0.33	0.33	ICP room exhaust (LAB-8B)
11	2.43	0.61	0.01	sample disposal enclosure exhaust - main laboratory (LAB-14)

12	3.35	0.15	0.33	Despach oven exhaust - main laboratory (LAB-13)
----	------	------	------	---

The reason(s) for this amendment to the Certificate of Approval is (are) as follows:

all in accordance with the Application for Approval (Air) submitted by Clean Harbors Canada, Inc., dated January 03, 2008 and signed by Christopher Small, Senior Compliance Manager; and the supporting information, including the Emission Summary and Dispersion Modelling Report, submitted by Conestoga-Rovers & Associates Ltd., dated January 18, 2008 and signed by Gordon Reusing.

This Notice shall constitute part of the approval issued under Certificate of Approval No. 8-1184-89-937 dated April 22, 1993

In accordance with Section 139 of the Environmental Protection Act, R.S.O. 1990, Chapter E-19, as amended, you may by written Notice served upon me, the Environmental Review Tribunal and in accordance with Section 47 of the Environmental Bill of Rights, S.O. 1993, Chapter 28, the Environmental Commissioner, within 15 days after receipt of this Notice, require a hearing by the Tribunal. The Environmental Commissioner will place notice of your appeal on the Environmental Registry. Section 142 of the Environmental Protection Act, provides that the Notice requiring the hearing shall state:

1. The portions of the approval or each term or condition in the approval in respect of which the hearing is required, and;
2. The grounds on which you intend to rely at the hearing in relation to each portion appealed.

The Notice should also include:

3. The name of the appellant;
4. The address of the appellant;
5. The Certificate of Approval number;
6. The date of the Certificate of Approval;
7. The name of the Director;
8. The municipality within which the works are located;

And the Notice should be signed and dated by the appellant.

This Notice must be served upon:

The Secretary*
Environmental Review Tribunal
655 Bay Street, 15th Floor
Toronto, Ontario
M5G 1E5

AND

The Environmental Commissioner
1075 Bay Street, 6th Floor
Suite 605
Toronto, Ontario
M5S 2B1

AND

The Director
Section 9, *Environmental Protection Act*
Ministry of the Environment
2 St. Clair Avenue West, Floor 12A
Toronto, Ontario
M4V 1L5

* Further information on the Environmental Review Tribunal's requirements for an appeal can be obtained directly from the Tribunal at: Tel: (416) 314-4600, Fax: (416) 314-4506 or www.ert.gov.on.ca

This instrument is subject to Section 38 of the Environmental Bill of Rights, that allows residents of Ontario to seek leave to appeal the decision on this instrument. Residents of Ontario may seek leave to appeal

within 15 days from the date this decision is placed on the Environmental Registry. By accessing the Environmental Registry at www.ene.gov.on.ca, you can determine when the leave to appeal period ends.

The above noted works are approved under Section 9 of the Environmental Protection Act.

DATED AT TORONTO this 8th day of September, 2009



Victor Low, P.Eng.

Director

Section 9, *Environmental Protection Act*

SH/

c: District Manager, MOE Sarnia
Gordon Reusing, Conestoga-Rovers & Associates Ltd.

4. The address of the appellant;
5. The Certificate of Approval number;
6. The date of the Certificate of Approval;
7. The name of the Director;
8. The municipality within which the works are located;

And the Notice should be signed and dated by the appellant.

This Notice must be served upon:

The Secretary*
Environmental Review Tribunal
2300 Yonge St., 12th Floor
P.O. Box 2382
Toronto, Ontario
M4P 1E4

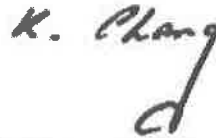
AND

The Director
Section 9, *Environmental Protection Act*
Ministry of Environment and Energy
2 St. Clair Avenue West, Floor 12A
Toronto, Ontario
M4V 1L5

*** Further information on the Environmental Review Tribunal's requirements for an appeal can be obtained directly from the Tribunal at: Tel: (416) 314-4600, Fax: (416) 314-4506 or www.ert.gov.on.ca**

The above noted works are approved under Section 9 of the Environmental Protection Act.

DATED AT TORONTO this 6th day of August, 2003



Karlene Chang
Director
Section 9, *Environmental Protection Act*

SG/

c: District Manager, MOE Sarnia
Doug Thomson, McCarthy Tetrault, Barristers & Solicitors