



## FOURTH CONFERENCE OF THE PARTIES (COP IV) TO THE BASEL CONVENTION

In light of the state of emergency declared in Malaysia because of forest fires, COP IV which was originally scheduled for October 6-10 was postponed and was rescheduled for the week of February 23, 1998 in Kuching, Malaysia. It is hoped that the air quality in Kuching will have improved significantly in time for the rescheduled meeting.

The following are some of the important issues to be discussed at COP IV:

- ♦ the incorporation of the lists of hazardous wastes and non-hazardous wastes covered by the Convention prepared by the Technical Working Group;
- ♦ the potential addition of Monaco and Israel to the Annex VII, list of countries that ban the export of hazardous waste to developing countries; and
- ♦ proposed additional contributions for the establishment of Regional Centres for Training and Technology Transfer in developing countries.

At the Third Conference of the Parties held in September 1995, the parties to the Basel Convention adopted an amendment to the Convention to immediately ban the exports of hazardous waste destined for final disposal from Annex VII countries to non-Annex VII countries, and to phase out exports of hazardous waste destined for recycling from Annex VII countries to non-Annex VII countries by December 31, 1997.

Canada indicated at the Third COP that it would not consider the ratification of the amendment until the work on the clarification of the definition of hazardous waste was undertaken and complete.

The Technical Working Group established by the Basel parties has now completed its work on the clarification of the definition of hazardous waste, and

## INTERNET SITES

### RELATED TO HAZARDOUS WASTE

#### Environment Canada Green Lane

<http://www.doe.ca/resilog/resinews.htm>

- Resilog
- <http://www.doe.ca/tmd/tmdhp.htm>
- Transboundary Movement Division

#### United Nations Environmental Program

- UNEP / <http://www.unep.ch>

- Basel Convention
- List of Competent Authorities

#### Transport Canada <http://www.tc.gc.ca>

- Draft of New Clear Language TDGR
- Opportunity to Comment

#### Organization for Economic Cooperation and Development - OECD <http://www.oecd.org>

- List of OECD Countries

it developed two lists. One list is comprised of those wastes covered by the Convention and the second lists

the wastes which are not covered. At the COP IV, parties will need to consider whether to incorporate these lists as Annexes in the Convention.

For further information on the Basel Convention, please contact Charles Cormier at (819) 953 2172.

## RESI-WRITE

### Question:

I plan on shipping hazardous waste from Canada to the United States. Under the present definition for waste in the Transportation of Dangerous Goods Regulations my material is excluded from the definition of waste because it is being returned directly to a manufacturer of the product for reprocessing. Is my waste material subject to export controls and do I

have to provide a notice under the *Export and Import of Hazardous Wastes Regulations*?

**Answer:**

The answer to this question can be found in the *Canadian Environmental Protection Act* (CEPA). The Act sets out the definition for “hazardous waste” while the controls and conditions placed on the export, import and transit of hazardous wastes are found in the *Export and Import of Hazardous Wastes Regulations* (EIHWR).

Subsection 43(4) of CEPA defines “hazardous waste” as follows:

43(4) “...*hazardous waste* means

(a) any dangerous goods, within the meaning of the *Transportation of Dangerous Goods Act*, that are a waste, within the meaning of the regulations made under that Act;

or

(b) any substance specified on the *List of Hazardous Wastes Requiring Export or Import Notification* in Part III of Schedule II.”

The first part of the definition of *hazardous waste* in this subsection refers to the definition found in the *Transportation of Dangerous Goods Regulations* (TDGR). It is possible that certain materials may fall out of this portion of the CEPA definition for *hazardous waste* because they are excluded from the TDGR definition for “*waste*.”

Although the material may be excluded under 43(4)(a), the second paragraph of the definition set out in 43(4)(b) would apply if the waste material is found on the *List of Hazardous Wastes Requiring Export or Import Notification* in Part III of Schedule II of CEPA and the waste exhibits or meets one of the hazard class criteria. This CEPA list is repeated for practical reasons in Schedule III of the EIHWR.

Therefore, in order for a waste material to be excluded from control under the EIHWR both parts of the CEPA definition for “*hazardous waste*” must not be met.

Where one or both parts of the hazardous waste definition is met, subsection 43(3) of CEPA provides that:

“A person who proposes to export or import a hazardous waste shall give notice of the proposed export or import in accordance with the regulations to the authority, body or person specified on the *List*

*of Hazardous Waste Authorities* in respect of the country to or from which the export or import is proposed.”

The *Export and Import of Hazardous Wastes Regulations* (EIHWR) govern the transboundary movements of hazardous waste. When exporting hazardous waste from Canada to the United States, the Canadian exporter is responsible for satisfying all the conditions prescribed under this federal regulation, which includes providing a notice.

Should you have any further questions regarding this or any other hazardous waste issue, please address them to RESI-WRITE, c/o the Transboundary Movement Division or by e-mail to [Joe.Wittwer@ec.gc.ca](mailto:Joe.Wittwer@ec.gc.ca). Questions will be answered either by telephone or in writing, and those which arise most frequently will be published in the next issue of Resilog.

## **COST RECOVERY INITIATIVE FOR TRANSBOUNDARY MOVEMENTS OF HAZARDOUS WASTES**

The government’s intention to implement cost recovery for the transboundary movements of hazardous wastes (including hazardous recyclable materials) was announced in 1995.

Under cost recovery, fees would be collected from Canadian importers and exporters and those who notify for transits, to cover the government’s direct and indirect costs to operate the notification and manifest tracking system for the *Export and Import of Hazardous Waste Regulations*. This cost was estimated to be \$1.1 million per year. Implementation of cost recovery under the authority of the *Financial Administration Act* is planned to start in April 1998.

All federal cost recovery initiatives are subject to the Treasury Board Policy on cost recovery which requires departments to evaluate the impact of cost recovery on clients to ensure that it is not unreasonable and to establish fees that do not exceed the cost of the service provided.

In addition to two impact studies, consultations with clients and other interested stakeholders have been ongoing for the last year. A discussion paper outlining options for the recovery of costs for the transboundary

movement program was distributed to some 400 stakeholders in late December 1996. A series of consultation sessions were held across Canada in July 1997. A summary of these consultations was broadly circulated for comment in September 1997.

Several options for the fees have been discussed:

- ◆ a fee per tonne of hazardous waste or hazardous recyclable material notified;
- ◆ a charge for each notified waste stream (an export and import notice can have one to three waste streams identified);
- ◆ a fee per notice;
- ◆ charging for each number of shipments estimated on the notice; and/or
- ◆ a manifest fee.

The government's costs are related to two main tasks: the review and processing of notification information; the compilation and processing of manifests to ensure the hazardous waste shipped arrived at the designated facility and processing the certificates of disposal/recycling. Because some clients notify more frequently, while others use more manifests, it was proposed in the September 1997 discussion paper that the fairest mechanism for setting the fee for exports and imports would be to have a fee of \$100 per notified waste stream and a \$20 charge for each manifest. Because less work is required for transit notices, it is proposed that they would be subject to a fee of \$25 per notice in addition to the \$20 manifest fee.

Once the cost recovery initiative has been put in place, for administrative ease for both the clients and the government, the fees would be collected in advance of the service being provided. Manifest fees will be collected through the sale of blank manifest forms. Notification fees will generally be required at time of notification. However, work is underway to establish a system that would allow large volume notifiers (more than 50 notified waste streams per year) to make quarterly payments in advance to reduce administrative costs.

Comments from clients on these proposals are being examined and regulations are being drafted. It is anticipated that these regulations will be published in *Canada Gazette, Part I* in 1998. A formal regulatory consultation period will follow before the publication in *Canada Gazette, Part I* and entry into force of the fees.

For further information on this issue, please contact Suzanne Leppinen at (819) 953-3415.

## PCB WASTE EXPORTS

On February 4, 1997, the Canadian *PCB Waste Export Regulations* (PCBWER) came into force. These regulations ensured that PCB wastes would be exported only to the United States and sent to approved facilities where they would be destroyed in an environmentally sound manner. Landfilling of PCB wastes is not permitted under these Regulations.

The introduction of the PCBWER was in response to the U.S. Environmental Protection Agency's (EPA) promulgation of the PCB Import for Disposal Rule on March 18, 1996. This rule reversed a ban on importing PCBs into the U.S. which had been in place for 16 years under the *Toxic Substances Control Act* (TSCA).

However, on July 7, 1997 the 9th U.S. Circuit Court of Appeals issued its decision which overturned the PCB Import for Disposal Rule. The Circuit Appeals Court ruling essentially negates this Rule and recognizes that the complete ban on the import of PCBs into the U.S. under TSCA is still in effect.

Consequently, Environment Canada was informed by the EPA that the border was closed to PCB waste imports into the United States as of **12:01 am local time Sunday, July 20, 1997.**

The U.S. EPA is of the opinion that such shipments of PCB waste would not comply with applicable U.S. Federal Laws as a result of the 9<sup>th</sup> Circuit Appeals Court ruling on the EPA's PCB Import for Disposal Rule.

The EPA also informed the United States Customs offices of this action to close the border. Therefore, entry of imports of PCB wastes into the United States for existing valid PCB Waste Export Permits issued under the Canadian *PCB Waste Export Regulations* have not been allowed and remain banned on the U.S. side of the border since the aforementioned date and time.

For further information, please contact Antoine Dionne at (819) 997-3378.

**Parties to the Basel Convention (August 1997)**

Antigua & Barbuda	Cote D'Ivoire	India	Micronesia	Portugal	Syria
Argentina	Croatia	Indonesia	Monaco	Qatar	Tanzania
Australia	Cuba	Iran	Mongolia	Republic of Korea	Trinidad & Tobago
Austria	Cyprus	Ireland	Morocco	Republic of Yemen	Tunisia
Bahamas	Czech Republic	Israel	Mozambique	Romania	Turkey
Bahrain	Denmark	Italy	Namibia	Russian Federation	Turkmenistan
Bangladesh	Ecuador	Japan	Nepal	St. Kitts & Nevis	United Arab Emirates
Barbados	Egypt	Jordan	Netherlands	Saint Lucia	United Kingdom
Belgium	El Salvador	Kuwait	New Zealand	St. Vincent & Grenadines	Uruguay
Belize	Estonia	Kyrgyzstan	Nicaragua	Saudi Arabia	Uzbekistan
Bolivia	European Economic Community (EEC)	Latvia	Nigeria	Senegal	Vietnam
Brazil	Finland	Lebanon	Norway	Seychelles	Yugoslav Republic, former
Bulgaria	France	Liechtenstein	Oman	Singapore	Zaire
Burundi	Germany	Luxembourg	Pakistan	Slovak Republic	Zambia
Canada	Greece	Malawi	Panama	Slovenia	
Chile	Guatemala	Malaysia	Papua New Guinea	South Africa	
China	Guinea	Maldives	Paraguay	Spain	
Colombia	Honduras	Mauritania	Peru	Sri Lanka	A total of 117
Comoros	Hungary	Mauritius	Philippines	Sweden	countries + the EEC
Costa Rica	Iceland	Mexico	Poland	Switzerland	

## AMENDMENTS TO TDGR — IMPACT ON HAZARDOUS WASTES

At the present time Transport Canada is re-writing the entire *Transportation of Dangerous Goods Regulations* (TDGR) into clear language. A fourth draft of the proposed amended regulation was distributed this past summer to stakeholders and made available over the Internet for comments. Transport Canada plans to publish the new regulations in Canada Gazette Part I in the spring of 1998. A pre-Gazette draft was posted on the Internet in late November 1997 for further recommendations and comments from stakeholders.

Not only is the TDGR being written in clear language, but the lists of dangerous goods will be amended to reflect the updated changes made in the 9<sup>th</sup> and 10<sup>th</sup> revised editions of the *United Nations Recommendations on the Transport of Dangerous Goods*.

The amendments to the lists of dangerous goods will have an impact on the product identification numbers and shipping names used for the notification and manifesting of hazardous wastes controlled under the *Export and Import of Hazardous Wastes Regulations* (EIHWR) made pursuant to the *Canadian Environmental Protection Act* (CEPA).

One of the conditions of the EIHWR notification process requires the use of the TDGR product identification number (PIN). At the time the hazardous waste is shipped, a Canadian manifest must be completed and accompany the shipments, which sets out the TDGR shipping name and also the PIN.

As the following table shows, some of the most commonly used and high volume PINs will be changing under the new TDGR. In some instances, certain PINs have been retained with entirely new shipping names assigned to them.

## CHANGES UNDER THE NEW PROPOSED TDGR

OLD TDGR			NEW TDGR		
PIN	Shipping Name	Application	PIN	Shipping Name	Application
<b><u>CORROSIVE</u></b> <b>Class 8</b>					
UN1760	Corrosive liquid, NOS	Applied to acids or bases /organic and inorganic corrosive liquids	UN1760	Corrosive liquid, NOS	Applies to only those substances not covered by new entries
			UN3264	Corrosive liquid, acidic, inorganic, NOS	Replaces UN1760 for inorganic acidic liquids
			UN3265	Corrosive liquid, acidic, organic, NOS	Replaces UN1760 for organic acidic liquids
			UN3266	Corrosive liquid, basic, inorganic, NOS	Replaces UN1760 for inorganic basic or caustic liquids
			UN3267	Corrosive liquid, basic, organic, NOS	Replaces UN1760 for organic basic liquids
UN1759	Corrosive solid, NOS	Applied to acids or bases /organic and inorganic corrosive solids	UN1759	Corrosive solid, NOS	Applies only to solid acids and bases, both organic and inorganic not specifically covered under the new entries
			UN3260	Corrosive solid, acidic, inorganic, NOS	Replaces UN1759 for acidic inorganic substances
			UN3261	Corrosive solid, acidic, organic, NOS	Replaces UN1759 for acidic organic substances
			UN3262	Corrosive solid, basic, inorganic, NOS	Replaces UN1759 for basic inorganic substances
			UN3263	Corrosive solid, basic, organic, NOS	Replaces UN1759 for basic organic substances
<b><u>BIOMEDICAL</u></b>					
None No PIN in old version of TDGR	None - EIHWR uses the shipping name “Biomedical Waste,” with CEPA ID Number “CD0003”	Not included in old version of TDGR	UN3291	Clinical Waste, unspecified, NOS or (Bio) Medical Waste, NOS or Regulated Medical Waste, NOS	Class 6.2, different from infectious substances

OLD TDGR			NEW TDGR		
PIN	Shipping Name	Application	PIN	Shipping Name	Application
<b><u>POISONOUS</u></b> <b>Class 6.1</b>					
UN2810	Poisonous liquid, NOS	Liquids, both organic or inorganic, which have LC50 or LD50 values meeting the Class 6.1 criteria	UN2810	<b>Toxic</b> liquid, <b>organic</b> , NOS	Name has been changed to “Toxic” and <b>applies only</b> to organic liquids, which differs from the previous general coverage
			UN3287	<b>Toxic</b> liquid, <b>inorganic</b> , NOS	New entry, separated from the previous UN2810 and <b>applies only</b> to inorganic liquids
UN2811	Poisonous, solids, NOS	Solids, both organic or inorganic, meeting Class 6.1 criteria	UN2811	<b>Toxic</b> solid, <b>organic</b> , NOS	<b>Applies only</b> to organic solids
			UN3288	<b>Toxic</b> solid, <b>inorganic</b> , NOS	<b>Applies only</b> to inorganic solids, no longer under UN2811
UN2927	Poisonous liquid, corrosive, NOS	Liquids, both organic or inorganic, meeting criteria for Class 6.1 and 8	UN2927	<b>Toxic</b> liquid, corrosive, <b>organic</b> , NOS	<b>Applies only</b> to organic liquids, which differs from the previous general coverage
			UN3289	<b>Toxic</b> liquid, corrosive, <b>inorganic</b> , NOS	New entry, separated from the previous UN2927 and <b>applies only</b> to inorganic liquids
UN2928	Poisonous solid, corrosive, NOS	General entry covering both organic and inorganic substances meeting criteria for Class 6.1 and 8	UN2928	<b>Toxic</b> solid, corrosive, <b>organic</b> , NOS	Name has been changed to “Toxic” and <b>applies only</b> to organic solids, which differs from the previous general coverage
			UN3290	<b>Toxic</b> solid, corrosive, <b>inorganic</b> , NOS	New entry, separated from the previous UN2928 and <b>applies only</b> to inorganic solids
UN2929	Poisonous liquid, flammable, NOS	General entry covering both organic and inorganic liquid substances meeting the two criteria for Class 6.1 and 3	UN2929	<b>Toxic</b> liquid, flammable, <b>organic</b> , NOS	<b>Applies only</b> to organic liquids, which differs from the previous general coverage

OLD TDGR			NEW TDGR		
PIN	Shipping Name	Application	PIN	Shipping Name	Application
UN2930	Poisonous solid, flammable, NOS	General coverage for both organic and inorganic substances meeting the two criteria for Class 6.1 and 3	UN2930	<b>Toxic</b> solid, flammable, <b>organic</b> , NOS	Name has been changed to "Toxic" and <b>applies only</b> to organic solids, <b>major change</b> from the previous general coverage
No Specific PIN	None (Possibly fit under the generic entry poisonous solid or liquid)	Not otherwise specified	UN3282	Organometallic compound, toxic, NOS	Formerly covered by UN2811, or possibly UN2810 would now be more precisely classified under this new entry based on the proposed listing

Further information and updates on the clear language TDGR amendment can be obtained at the following Internet site: <http://www.tc.gc.ca> or contact Ray Clark of Transport Canada at (613) 998-0509.

### ANNOUNCEMENT

#### 20<sup>th</sup> Canadian Waste Management Conference

The 20<sup>th</sup> CWMC will be taking place in Hamilton, Ontario, September 21-24, 1998. The theme for the conference is "From Waste to Resource Management: Improving the Bottom Line". For more information please contact the 20<sup>th</sup> CWMC Coordinator at (613) 236-6222 or by e-mail at [info@ceia-acie.ca](mailto:info@ceia-acie.ca).

## PUBLICATION OF NOTICE INFORMATION

As required under Section 45 of the *Canadian Environmental Protection Act* (CEPA), Tables 1, 2 and 3 describe notices for proposed exports, imports and transits of hazardous waste, received by Environment Canada in the first six months of 1997.

### Definitions for Tables 1, 2 and 3:

**Battery Wastes** waste whole or crushed batteries and battery acid.

**Biomedical Wastes** as defined in the CCME Guidelines for the Management of Biomedical Wastes in Canada, plus infectious waste (TDGR class 6.2).

**Corrosive Liquids** waste acidic or basic liquids and solutions (TDGR class 8).

**Corrosive Solids** waste acids and bases in solid form (TDGR class 8).

**Environmental Hazards** liquid and solid wastes that could pose a danger to the environment (TDGR class 9.2).

**Flammable Liquids** waste liquids that are ignitable (TDGR class 3).

**Flammable Solids** waste ignitable, polyphoric or water reactive solids (TDGR class 4).

**Gases** waste aerosols, compressed and liquefied gases (TDGR class 2).

**Halogenated Organic Wastes** waste halogenated organic solvents, liquids and solids.

**Inorganic Wastes** waste inorganic substances and solutions.

**Leachable Toxic Wastes** wastes that come within TDGR class 9.3.

**Metal & Mineral Wastes** metal/mineral bearing wastes, metal treatment and processing wastes.

**Non-halogenated Organic Wastes** waste non-halogenated organic solvents, liquids and solids.

**Oils/fuels** waste gasoline, diesel, petroleum processing wastes anti-knock mixtures.

**Oxidizers** oxidizing wastes and organic peroxide wastes (TDGR class 5).

**Paint Related Wastes** waste paints, resins, lacquers, inks, paint thinners, adhesives.

**Pesticide Wastes** waste biocides and wastes contaminated with pesticides.

**Poisonous Liquids** waste liquids and solutions that are toxic/poisonous (TDGR class 6.1).

**Poisonous Solids** wastes in a solid form that are toxic/poisonous (TDGR class 6.1).

**Polychlorinated Biphenyls** wastes that contain more than 50 mg/kg of PCBs.

**Quantity Pending** quantity notified for which the notice has been sent for approval to the competent authorities and for which no reply has been received.

**Quantity Consented** quantity notified for which all of the competent authorities have granted consent to the proposed movement of hazardous wastes.

**Quantity Objected** quantity notified for which any of the competent authorities has refused to grant consent to the proposed movement of hazardous wastes.

**TDGR:** Transportation of Dangerous Goods Regulations, 1985, as amended.

### REMINDER: How to read Tables 1, 2 and 3

The name of the notifier is arranged alphabetically on the left and the waste group across the top. For exports and imports, a letter code representing the name of the country of origin (imports) or destination (exports) is entered in the row corresponding to the name of the notifier and in the column for that waste type. The legend of country codes is given at the bottom of each table. For transits, the actual movement is described as an "X" entered in the appropriate column for that waste group and row for each notifier.



TABLE 1

**Notices Received for Proposed Exports of Hazardous Wastes**  
(1st and 2nd quarters 1997)

Name of the Canadian Exporter	Waste Group																			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Abitibi Price																				X
AimcoSolrec Ltd.						X	X													
Albright & Wilson																				X
Alcan												X								
Allied Signal Inc.																				X
Aluminerie deBecancour												X								
Anachemia Solvents Div. of FieldingChem						X														
Appleby College																				X
Aquatech Blue Ltd.						X			X											
Arasco, Inc.																				X
ARGO - TECH Productions Inc.	X											X								
Asten																				X
AVENOR																				X
B.W.A. Treatment Technologies			X								X									
Batteries Puissantes	X																			
Battery Conservation Technology Canada	X																			
Brock Telecom Ltd.							X													
Browning-Ferris Industries		X					X													
C.H. Université Laval																				X
Canada Ports Corporation																				X
Canadian Reynolds Metals												X								
Carrier Canada Inc.								X												
Cascades Jonquière																				X
Centre Hospitalier de laSagamié																				X
Chem - King Inc.						X														
Chemcycle Environment Inc.																				X
Chemrec Inc.						X														
Chisick Metal Ltd.	X																			
Circo Craft			X																	
Clow Canada																				X

**Country of Destination** X - USA

**Waste Group**

- |                          |                               |                              |
|--------------------------|-------------------------------|------------------------------|
| 1. Battery Wastes        | 8. Gases                      | 15.Oxidizers                 |
| 2. Biomedical Wastes     | 9. Halogenated Organic Wastes | 16.Paint Related Wastes      |
| 3. Corrosive Liquids     | 10.Inorganic Wastes           | 17.Pesticide Wastes          |
| 4. Corrosive Solids      | 11.Leachable Toxic Wastes     | 18.Poisonous Liquids         |
| 5. Environmental Hazards | 12.Metal and Mineral Wastes   | 19.Poisonous Solids          |
| 6. Flammable Liquids     | 13.Non - Halogenated Organic  | 20.Polychlorinated Biphenyls |
| 7. Flammable Solids      | 14.Oils / Fuels               |                              |

TABLE 1

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(1st and 2nd quarters 1997)

Name of the Canadian Exporter	Waste Group																			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Cominco Ltd.																				X
Comtech Manufacturing																				X
Consumers Glass																				X
Culinar Manufacturing Inc.																				X
CXY Chemicals Canada Ltd.																				X
Debreuil Forest Products, Ltd.																				X
Delta Tubes, Inc.																				X
Dominion Controls																				X
Dominion Metal & Refining	X																			
Dow Chemical Canada Inc.					X	X														
Electropac Ltd.			X																	
Enviro Resources Inc.						X														
Enviro West Inc.						X				X										
Erectoweld Company Ltd.																				X
Ethyl Canada Inc.			X															X		
Exal Aluminum Inc.												X								
Exide Canada, Inc.	X										X									
Fisher Environmental																				X
Ford Motor Company of Canada						X										X				
GE Lighting, Canada												X								
Gananoque Light & Power																				X
General Chemical Canada Ltd.			X																	
General Scrap Iron & Metals Ltd.	X																			
Government of Newfoundland & Labrador, DPW																				X
Harcos Pigments Canada																				X
Hazco Environmental Services					X															
Hotel Dieu du Sacré-Coeur de Jesus de Québec																				X
Hotz Environmental Services Inc.			X		X	X								X		X		X	X	
Hydin Ltd.																				X
Ilco Unicam Inc.												X								
Jane Parker Bakery Ltd.																				X
K C Recycling Ltd.	X																			
Kimberly Clark																				X
Kodak Canada Inc.	X		X	X		X			X	X	X		X	X		X				
Kraft Canada Corporate																				X
Laidlaw Environmental Services	X		X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X
Lauralco Inc.											X	X								
Lynx Environmental Services Ltd.			X	X		X	X				X									

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(1st and 2nd quarters 1997)

Name of the Canadian Exporter	Waste Group																			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Matrix Electronics Ltd.			X																	
McDonnell Douglas Canada Ltd.																				X
McLaughlin Bros.																				X
Mead Johnson Canada																				X
Med-Tech Environmental Ltd.		X																X	X	
NAV Canada																				X
Navistar International Corp. Canada													X							
New Brunswick Department of Supply and Services																				X
New Brunswick Power Corporation					X															
Newalta Corporation						X														
Niagara Falls Bridge Commission																				X
Niagara Falls Hydro Commission																				X
Northern Woods																				X
Nova Pb	X																			
Orlick Industries																				X
OxyChemDurez Canada			X																	
Pacific Metals Ltd.												X								
Pavages Laurentiens																				X
Petro Canada																				X
Petromont																				X
Philip Environmental	X		X	X	X	X	X	X	X	X	X		X		X	X	X	X	X	
Placer Dome																				X
Power Battery Sales	X																			
PPG Canada Inc.											X				X					
Province of British Columbia					X															
Pure Metal Galvanizing			X									X								
Pyroval Inc.		X																X		
Quantex Technologies			X															X		
Raw Materials Corp.	X									X		X								
Recyclage Lampes Fluorescentes											X									
Republic Environmental Systems			X		X															
Resources MSV Inc.																				X
Royal Oak Mines																				X

**Country of Destination** X - USA

**Waste Group**

- |                          |                               |                               |
|--------------------------|-------------------------------|-------------------------------|
| 1. Battery Wastes        | 8. Gases                      | 15. Oxidizers                 |
| 2. Biomedical Wastes     | 9. Halogenated Organic Wastes | 16. Paint Related Wastes      |
| 3. Corrosive Liquids     | 10. Inorganic Wastes          | 17. Pesticide Wastes          |
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TABLE 1

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Name of the Canadian Exporter	Waste Group																			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Safety-Kleen Corp.			X	X	X	X	X		X		X		X	X		X		X	X	
Shell Canada Products Ltd.					X															
SKD Company																				X
Soudures Classique Kelsey											X									
St Marys Cement Co.																				X
Stone Consolidated Corp.						X										X				
Strathcona Paper																				X
Suncor Inc.							X													
Terra Marine Environmental Ltd.		X																		
Timberwest Forest Ltd.					X															
Tree Island Industries Ltd.			X								X	X								
Trenton P.U.C.																				X
Ultramar Canada Inc.					X															
Uniroyal Chemical Ltd.					X															
Universal Drum Reconditioning					X															
University of Ottawa																				X
Valvoline Canada Ltd.											X									
Vehcom																				X
Ville de Montréal Est																				X
Ville de Rivière du Loup																				X
W.C. Wood Co. Ltd.																				X
W.G. Thompson & Son																				X
Wel-Chem Environmental Services Inc.			X	X		X	X											X	X	

**Country of Destination** X - USA

**Summary of Notice Status and Quantity Notified for Proposed Exports**  
(1st and 2nd Quarters 1997)

Number of Duly Completed Notices Received	620
Number of Waste Streams Involved	839
Total Quantity Notified	(tonnes) 1 035 340
Quantity Consented	(tonnes) 1 010 768
Quantity Objected	(tonnes) 0
Quantity Pending	(tonnes) 24 572

**\* NOTE:** In the case of export and import notices, the quantity consented is not the same as the quantity shipped. Exporters and importers routinely overestimate waste quantities on their notices given that they must project the physical and chemical nature of hazardous wastes that will be shipped over a period of one year. Actual movements are tracked through a manifest database.

TABLE2

**Notices Received for Proposed Imports of Hazardous Wastes**  
(1st and 2nd quarters 1997)

Name of Canadian Importer	Waste Group																			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Allied Signal Canada Inc.					A															
American Iron & Metal Co. Inc.											A									
ATC Environmental Group Inc.										A										
BFI Medical Waste Systems		A																		
Brunswick Mining & Smelting											A									
C.R.I. Environmental Inc.	A		A	A	A	A	A	A		A					A	A	A	A	A	
Centre de Recyclage Intermédiaire Inc.			A	A	A	A	A	A		A					A	A	A	A	A	
Chem - King Inc.			A	A		A	A				A	A				A				
Chemrec Inc.					A	A			A				A	A				A		
Cominco Ltd.					A														A	
Eaglebrook Inc. of Canada			A																	
Falconbridge Limited							A				A								B	
Fanchem Ltd.			A																	
Hotz Environmental Services Inc.																A				
I.W. & S. Ferrous Limited			A																	
K C Recycling Ltd.	A																			
Laidlaw Environmental Services	C		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
L'Environnement Eaglebrook Québec Ltée			A																	
Lynx Environmental Services Ltd.			A	A		A	A				A	A								
Métallurgie du Cuivre Noranda											D									
Métallurgie Noranda Inc. Fonderie Horne				A	A		E				F	A							G	
Mines Exploration Noranda Inc.											A									
Mohawk Lubricants											A									
Nova Pb Inc.	A										A									
Philip Enterprises Inc.			A			A					A				A					
Philip Enterprises, Aluminum Alloy Division												A								
Philip Environmental Services			A	A		A	A				A	A								
Raw Materials Corp.	A				A					A					A					
Recyclage d'aluminium Québec												A								
Republic Environmental Systems			A	A	A					A		A			A			A	A	
Soudures Classique Kelsey											A									
SSC Waste Management			H			H									H		H			
Stablex Inc.			A	A	A			A		A	A	I	A	A	A			A	A	
Tonolli Canada Ltd.	A																		A	
Toxco Canada	A												A							

**Country of Origin**

A - USA B - Finland, Netherlands C - Turkey, USA D - United Kingdom, USA E - United Kingdom  
F - Austria, Germany, Netherlands, Sweden, United Kingdom, USA G - Germany H - France I - South Africa, USA

**Waste Group**

- |                          |                               |                               |
|--------------------------|-------------------------------|-------------------------------|
| 1. Battery Wastes        | 8. Gases                      | 15. Oxidizers                 |
| 2. Biomedical Wastes     | 9. Halogenated Organic Wastes | 16. Paint Related Wastes      |
| 3. Corrosive Liquids     | 10. Inorganic Wastes          | 17. Pesticide Wastes          |
| 4. Corrosive Solids      | 11. Leachable Toxic Wastes    | 18. Poisonous Liquids         |
| 5. Environmental Hazards | 12. Metal and Mineral Wastes  | 19. Poisonous Solids          |
| 6. Flammable Liquids     | 13. Non - Halogenated Organic | 20. Polychlorinated Biphenyls |
| 7. Flammable Solids      | 14. Oils / Fuels              |                               |

**Summary of Notice Status and Quantity Notified for Proposed Imports**  
(1st and 2nd Quarters 1997)

Number of Duly Completed Notices Received	2 317
Number of Waste Streams Involved	2 902
Total Quantity Notified	(tonnes) 7 210 410
Quantity Consented	(tonnes) 7 210 410
Quantity Objected	(tonnes) 0
Quantity Pending	(tonnes) 0

**\* NOTE:** In the case of export and import notices, the quantity consented is not the same as the quantity shipped. Exporters and importers routinely overestimate waste quantities on their notices given that they must project the physical and chemical nature of hazardous wastes that will be shipped over a period of one year. Actual movements are tracked through a manifest database.

TABLE3

**Notices Received for Proposed Transits of Hazardous Wastes**  
(1st and 2nd quarters 1997)

		<b>Waste Group</b>																			
<b>Name of the Notifier</b>	<b>Movement</b>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Alaska Pollution Control	US to US																				X
AT&T Nascom	US to US					X	X														
Bicron Corporation	US to GB				X																
Brown Bear Body and Paint	US to US																X				
Columbia Alaska Regional Hospital	US to US					X															
Cook Inlet Pipeline Co.	US to US				X		X										X				
DRMO (US Army)	US to US	X		X	X	X	X	X	X	X		X	X	X	X	X	X		X	X	X
Federal Aviation Administration	US to US																			X	
Golden Valley Electric Association	US to US																			X	
Ketchikan General Hospital	US to US	X		X	X	X	X		X							X					
Ketchikan Pulp Co.	US to US			X	X	X	X	X	X	X	X		X	X	X	X	X		X	X	
Kulis Air National Guard Base	US to US	X				X	X			X					X		X				
Lower Kuskokwim School District	US to US			X	X	X	X			X	X					X			X	X	X
Matanuska Electric Association	US to US																			X	
Philip Environmental	US to US	X		X	X	X	X	X	X	X			X			X	X		X	X	X
Quality Fabrications	US to US																X				
R & K Industries	US to US			X			X					X									
Tesoro Alaska Petroleum Co.	US to US					X															
U.S. Army Corps of Engineers	US to US	X															X				
U.S. Coast Guard	US to US	X		X	X	X	X		X	X	X	X	X	X	X	X	X	X	X		
U.S. Navy	US to US			X		X	X	X		X	X			X	X	X	X		X	X	
Whit Pass & Yukon Railroad	US to US			X		X	X			X	X			X		X					

**Waste Group**

- |                          |                               |                              |
|--------------------------|-------------------------------|------------------------------|
| 1. Battery Wastes        | 8. Gases                      | 15.Oxidizers                 |
| 2. Biomedical Wastes     | 9. Halogenated Organic Wastes | 16.Paint Related Wastes      |
| 3. Corrosive Liquids     | 10.Inorganic Wastes           | 17.Pesticide Wastes          |
| 4. Corrosive Solids      | 11.Leachable Toxic Wastes     | 18.Poisonous Liquids         |
| 5. Environmental Hazards | 12.Metal and Mineral Wastes   | 19.Poisonous Solids          |
| 6. Flammable Liquids     | 13.Non - Halogenated Organic  | 20.Polychlorinated Biphenyls |
| 7. Flammable Solids      | 14.Oils / Fuels               |                              |

**Summary of Notice Status and Quantity Notified for Proposed Transits**  
(1st and 2nd Quarters 1997)

Number of Duly Completed Notices Received	82
Number of Waste Streams Involved	310
Total Quantity Notified	(tonnes) 140 791
Quantity Consented	(tonnes) 140 791
Quantity Objected	(tonnes) 0
Quantity Pending	(tonnes) 0

**PUBLICATIONS AVAILABLE THROUGH  
THE TRANSBOUNDARY MOVEMENT  
DIVISION OR FROM THE TMD HOMEPAGE  
NOW ON THE INTERNET**

- **Organization for Economic Cooperation and Development (OECD)**  
*Decision of the Council C(92)39 — concerning the control of transfrontier movements of wastes destined for recovery operations*  
April 1992
- **Export and Import of Hazardous Waste Regulations**  
Canada Gazette, Part II, December 2, 1992
- **Export and Import of Hazardous Waste Regulations, amendment**  
Canada Gazette, Part II, July 13, 1994
- **PCB Waste Export Regulations, 1996**  
*Regulations Amending the PCB Waste Export Regulations*  
Canada Gazette, Part I, October 5, 1996
- **Basel Convention on the Control of Transboundary Movements of Hazardous Wastes and their Disposal**  
March 22, 1989
- **Canada - USA Agreement on the Transboundary Movement of Hazardous Waste**  
October 28, 1986

- **Export and Import of Hazardous Waste Regulations**

- ⇒ *User's Guide to Implementation*, 1993
- ⇒ *User's Guide to Hazardous Waste Classification*, 1993
- ⇒ *User's Guide to the Hazardous Waste Manifest*, 1993
- ⇒ *User's Guide to the Hazardous Waste Export/Import Notice*, 1993

- **Transport of Hazardous Wastes Questions and Answer Manual**

April 1989

**NOTE:**

Visit the homepage of the Transboundary Movement Division at [www.ec.gc.ca/tmd/tmdhp.htm](http://www.ec.gc.ca/tmd/tmdhp.htm), where these documents are also made available for your convenience and information.

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