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FEB 12

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**THE CORPORATION OF THE CITY OF PORT COQUITLAM  
ENVIRONMENTAL PROTECTION COMMITTEE**

Tuesday, February 12, 1991

Second Floor Meeting Room  
2580 Shaughnessy Street, Port Coquitlam, BC

5:00 p.m.

AGENDA

PERSONNEL IN ATTENDANCE:

DELEGATIONS:

1. Dennis Warner  
Esco Representative re Application for Air Emissions Permit  
(See Attached)
2. Gord Lawson  
To Discuss Recycling Program
3. John Seager  
To Discuss Proposed Burning Bylaw

ITEM I: CONFIRMATION OF MINUTES OF PREVIOUS MEETING

ITEM II: OTHER BUSINESS

THE CORPORATION OF THE CITY OF PORT COQUITLAM

ENVIRONMENTAL PROTECTION COMMITTEE

MINUTES

A meeting of the Environmental Protection Committee was held in the Second Floor Meeting room, 2580 Shaughnessy Street, Port Coquitlam, on Tuesday, February 12, 1991 at 5:00 p.m.

In attendance were:

Alderman J. Keryluk, Chairman  
Alderman R. Talbot,  
C.F. Gaudry, P. Eng., Deputy City Engineer  
D. Madden, Fire Department

Delegations:

Lorne Moore, Esco  
Gord Lawson  
John Seager

ITEM I: CONFIRMATION OF MINUTES

The Minutes of the Environmental Protection Committee Meeting held Tuesday, January 22, 1991, at 5:00 p.m. be considered, read, and adopted.

Carried

ITEM II: BURNING BYLAW

The Committee considered the proposed revisions to the Burning Bylaw for the City of Port Coquitlam. Through various representations from agricultural landowners in Port Coquitlam, it was determined that some hardship would befall these people if a strict adherence to the burning of only diseased organic material was used. The Fire Department is in charge of administering Burning Permits and with the Burning Permit the Fire Department has the individual applicant sign a "Burning Permit Rules Form" (see attached) that states that the material is diseased, on-site generated agricultural material. Some residents are leery of signing such a form, and therefore it was decided that this form will be eliminated and the Fire Department will issue the Burning Permit based on verbal information from the applicant.

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**ENVIRONMENTAL PROTECTION COMMITTEE MINUTES Cont'd...**

**ITEM III: JOHN SEAGER, DELEGATION REGARDING BURNING BYLAW**

Mr. Seager explained to the Committee that he had accumulated organic type waste since September, 1990, and planned to accumulate it over the winter and burn it in the spring, as he has done for a number of years. The Bylaw change in January caught him completely off guard, and now he is left with a large pile of organic material that he has to try to dispose of in an alternate way. He also suggested that if it was Council's intention to clean up the air, that they ban the burning of all wood products, including those in home fireplaces. The Committee assured Mr. Seager that the enforcement of the current Bylaw changes would not prohibit him from burning the materials from his agricultural land which he described in his submission.

**ITEM IV: LORNE MOORE - ESCO**

Mr. Moore had been invited as a representative of Esco Ltd., pertaining to their application for continuation of their Pollution Permit for Air Emissions for their plant in Port Coquitlam. Mr. Moore indicated that they were installing improved cutting booths and over all were maintaining a cleaner operation. The application stated they wanted permission to go from five days to seven days per week operations only to simplify the administration of their Pollution Permits. Mr. Moore indicated that some of the Permits allowed plant operation on a five day basis, some portions of their Permits allowed six hours per day, seven days per week, and others gave them straight through seven days per week operation. The amendment to the new Permit will simply give them seven day a week operation. In addition to the previous requirements of their Permit, Esco will now be required to test and report to the GVRD on a more regular basis. The Deputy City Engineer will be contacting the GVRD to get a copy of the Application and Permit issued to Esco, and will retain it in the Engineering Files.

**ITEM V: GORD LAWSON DELEGATION ON RECYCLING**

Mr. Lawson gave a detailed presentation on his thoughts and concepts regarding recycling. Mr. Lawson suggested:

- that we look closely at not using plastic bags or plastic boxes since they were difficult to recycle, used energy to create, and caused pollution in the recycling process - rather, we should use metal containers.
- that two additional employees should not be required to collect the recyclables since we should be able to switch some of the garbage collection personnel over to the recycling program.

ENVIRONMENTAL PROTECTION COMMITTEE MEETING MINUTES Cont'd...

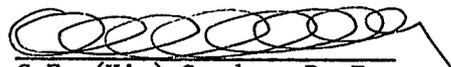
- that we could market some of our recyclable products locally through local Contractors.
- that we should consider a system of drop off bins situated throughout the City on City-owned Lots where people could drop their recyclable materials off.
- composting should be a high priority and there should be several composting sites owned by the City, throughout the City, for use by the residents.
- that prevention of the need for recycling should be as great as the recycling program. For example, he suggested we should make a Bylaw to restrict the use of plastic milk jugs in Port Coquitlam in favour of glass; further, we could put large deposits on the various cans and bottles used.
- that the type of recycling truck used perhaps could be the same type as needed for garbage collection.
- that the recycling program costs of \$16.00 per household for 1991, and \$34.00 per household for 1992 were exorbitant and should be lowered or more closely tied to a user-pay system.
- that we could look at collecting one type of material each week, i.e. glass one week, tin the next, paper the next, etc., thereby eliminating the need for separation by a Contractor. The household resident could then be charged extra on a weight basis for the unrecyclable goods they still have left.
- that the Municipality go into a strong educational and advertising mode in order to inform the public of the Recycling Program, its benefits, and how to participate.
- that the City look closely at building demolition materials and where the demolition ends up that perhaps Bylaws could be enacted to ensure that the Demolition Companies remove the Gyproc and take it to the recycling plants and further, that after the Demolition Permit has been issued, the Contractor be made to wait one month, giving local people the chance to go in and take what they want from the buildings.

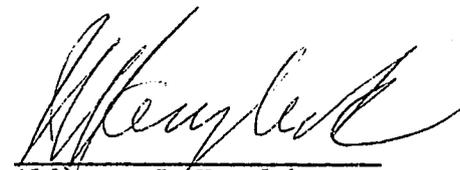
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**ENVIRONMENTAL PROTECTION COMMITTEE MINUTES Cont'd...**

- HINT: Wash tin cans out with dirty dish water after you do the dishes, and you won't waste water by washing them individually.

The Meeting Adjourned at 6:55 p.m.

  
C.F. (Kip) Gaudry, P. Eng.  
Deputy City Engineer

  
Alderman J. Keryluk  
Committee Chairman

CFG:gc

**NOTE:** Minutes not read and adopted by the Committee until certified correct by the Committee Chairman's signature.

cc: Mayor and Aldermen  
City Administrator

THE CORPORATION OF THE  
CITY OF PORT COQUITLAM

MEMORANDUM

January 16th, 1991

TO: C.F. (Kip) Gaudry, P. Eng.  
Deputy City Engineer

FROM: S. Rauh  
Acting City Clerk

cc: -J. Baillie  
Fire Chief  
-Ald. Gordon  
-Ald. Keryluk  
-Ald. Talbot

Re: Open Burning

With reference to your January 4th, 1991 report concerning the above noted subject this will advise that when the same was considered at the regular Council meeting held on January 14th, 1991 the Council passed the following recommendations:

"That Council revise Bylaw No. 902, Sections 4., 5., and 6., to ban all open air burning in Port Coquitlam except for fires for cooking of food in grills and barbeques, and burning by permit of diseased on site generated agricultural organic materials.

Carried.  
Alderman Wright voted  
against the resolution.

That the Fire Chief be instructed that a moratorium be placed on burning permits except for diseased on site generated agricultural organic materials.

Carried.  
Alderman Wright voted  
against the resolution."

I intend to put this amendment through with the New Burning Bylaw currently being prepared by Doug Madden. It is my understanding that this bylaw is going to the Protective Services Committee in the next week or two and will be introduced in February.

CITY OF PORT COQUITLAM ENGINEERING DEPT.		
JAN 18 1991		
FILE # _____		
TO	FROM	DATE

  
Susan Rauh  
Acting City Clerk

SR/kfl

57/26



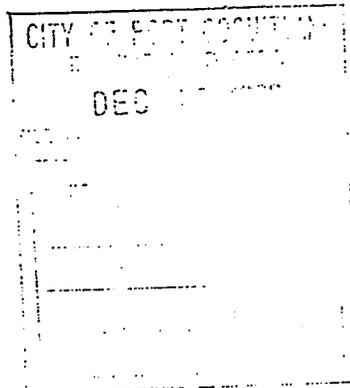
Greater Vancouver Regional District  
4330 Kingsway, Burnaby, British Columbia, Canada V5H 4G8

Telephone (604) 432-6200  
Fax (604) 432-6251

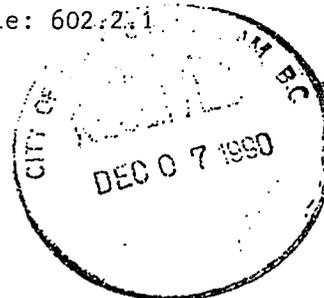
Air Quality and Source Control Department - Tel (604) 436-6700 Fax (604) 436-6707

December 7, 1990

Mr. R.A. Freeman  
City Clerk  
City of Port Coquitlam,  
City Hall,  
2272 McAllister Avenue,  
Port Coquitlam, B.C.  
V3C 2A8



File: 602-2-1



Dear Mr. Freeman:

The discharge of waste, in the Greater Vancouver Region, is regulated by two separate agencies, through their collective administration of the Waste Management Act. Permits to emit air contaminants are issued by the Regional District, while those for special waste storage, effluent and refuse discharges are issued by the Waste Management Branch in Surrey.

For your information, please find enclosed copies of reports prepared for the GVRD Board of Directors. These reports provide summaries of emission Permit and Approval applications received by the GVRD Air Quality and Source Control Department and also of Permits and Approvals issued. Further information on Permits and Approvals or copies of air permit applications may be obtained from the:

Greater Vancouver Regional District  
Air Quality and Source Control  
4330 Kingsway  
Burnaby, B.C. V5H 4G8  
Phone: 436-6700

The Ministry of Environment forwards, to the GVRD, copies of Permit applications which they receive for the storage of special waste, refuse discharge and effluent discharge to receiving waters within the GVRD. I have enclosed a report, for your information, which summarizes applications which they have recently received. Further information or copies of these applications may be obtained from the:

Waste Management Branch,  
Lower Mainland Region,  
15320 - 103A Avenue,  
Surrey, B.C. V3P 7A2  
Phone: 584-8822

Yours truly,

Robert S. Smith  
Superintendent, Enforcement Services  
Air Quality and Source Control

SP/RSS/ch/68

AIR QUALITY AND SOURCE CONTROL - ENFORCEMENT SERVICES  
SUMMARY OF PERMITS, APPROVALS & APPLICATIONS FOR SEPTEMBER, 1990

A. APPLICATIONS RECEIVED IN SEPTEMBER, 1990

1. A.E. Concrete Precast Products Ltd. - Concrete products manufacturing plant  
5353 - 192nd Street, Surrey. New Permit VA-479.

This company has moved its operation from Langley to Surrey. Emissions from a cement silo are controlled with a baghouse.

2. McLeod and Norquay Ltd. - Metal heat treating plant.  
12364 - 83A Avenue, Surrey. New Permit VA-480.

This company is moving their operation from Vancouver to Surrey. Emissions from molten salt heat treating baths will be controlled with a wet scrubber.

3. Westroc Industries Limited - A gypsum wallboard manufacturing plant.  
1070 Derwent Way, Annacis Island, Delta. Amendment to Permit VA-82.

This company has applied for renewal of their Permit which is due to expire on December 31, 1990. A baghouse will be used to control new sources of emissions from 3 stucco storage silos and pneumatic conveying of fine ground materials.

4. Canadian Aircraft Products Ltd. - Aircraft components manufacturing.  
2611 Viscount Way, Richmond. New Permit VA-478.

This company has applied for authorization for emissions from various aircraft component manufacturing processes such as cleaning, etching, painting, grinding, heat treating, dyeing, curing, heating and conversion coating. Emissions will be controlled with media filtration.

5. Robar Industries Ltd. - Iron foundry.  
12945 - 78th Avenue, Surrey. Amendment to Permit VA-107.

This company has applied for authorization for emissions from an epoxy oven, heat treat oven, 5 grinders, belt sander and a cut-off machine. Particulate emissions will be controlled with a baghouse.

6. Howe Sound Pulp & Paper Limited - A sawmill and planing mill.  
8890 Manitoba Street, Vancouver. Amendment to Permit VA-83.

This company has applied for renewal of their Permit which is due to expire on December 31, 1990. They have also changed antisapstain chemical use.

A. APPLICATIONS RECEIVED IN SEPTEMBER, 1990 (con't)

7. Dow Chemical of Canada Inc. - Bulk chemical storage and shipping facility. 1545 Bay St., North Vancouver District. Amendment to Permit VA-249.

This company has applied for renewal of their Permit which is due to expire on December 31, 1990.

8. Pacific Bronze Ltd. - Non ferrous foundry  
1616 Pandora St., Vancouver. Amendment to Permit VA-139.

This company has applied for renewal of their Permit which is due to expire on December 31, 1990.

9. Shell Canada Products Limited. - Petroleum Refinery.  
201 Kensington Avenue, Burnaby. Amendment to Permit VA-261.

This company has applied for authorization for replacement of their existing multi-jet ground level flare with a new 180 foot air assisted flare. The new flare is designed for improved combustion and reduced emissions during normal operation. The new flare will also substantially improve emissions during high loading periods.

10. Warnock Hersey Professional Services Ltd. - A fire test laboratory.  
211 Schoolhouse Street, Coquitlam. Approval AP-132.

This company has applied for authorization for emissions from an exterior wall test stand for testing the fire rating of combustible building materials.

11. Shell Canada Products Limited - A petroleum tank farm.  
Forest Grove & Underhill Avenue, Burnaby. Amendment to Permit VA-262.

This company has applied for renewal of their Permit which is due to expire on December 31, 1990.

12. Mill and Timber Products Ltd. - A lumber remanufacturing plant.  
8818 Greenall Avenue, Burnaby. Amendment to Permit VA-56.

This company has applied for renewal of their Permit which is due to expire on December 31, 1990. They have also changed their name from Mill and Timber Products Ltd. to Haida Forest Products Ltd.

13. Superburn Systems Ltd., A Division of Consolidated Environmental Technologies Inc. - Test incineration facility.  
240 - 801 Belgrave Way, Delta. New Approval AP-155

This company has applied for approval to carry out incineration testing on approximately 10-20 tonnes of soils containing chlorophenols. The material is classified as a special waste and all burning is proposed to be done in accordance with the Special Waste Regulation.

B. PERMITS/APPROVALS ISSUED IN SEPTEMBER, 1990

1. Canadian Occidental Petroleum, Industrial Chemicals Division - Chemical plant.  
100 Amherst Avenue, North Vancouver. Amendment to Permit VA-10.

This company has received authorization for the venting of hydrogen to atmosphere during process variations. This Permit authorization allows the company to operate within the requirements of the Waste Management Act Spill Reporting Regulation. There will be no changes in emission quality as a result of this amendment.

2. Tilbury Cement Ltd. - A cement manufacturing plant.  
7777 Ross Road, Delta. New Approval AP-141.

This cement manufacturing plant has received authorization for trial burns of shredded tire fuel in their cement kilns. Emission control is effected by high temperatures in the kiln and through electrostatic precipitation of particulates. Emission testing will be conducted during the trial burns.

3. Taiga Forest Products Ltd. - A wood pressure treating operation.  
320 Ewen Avenue E., New Westminster. Amendment to Permit VA-378.

This Permit which was due to expire on September 30, 1990, has been renewed for an additional 5 year term.

4. Torrefazione Coloiera & Importing Ltd. - A coffee roasting plant.  
#6 - 11771 Horseshoe Way, Richmond. Amendment to Permit VA-293.

This Permit which was due to expire on September 30, 1990, has been renewed for an additional 5 year term. Emissions from the coffee roaster will be further controlled by June 30, 1991, resulting in decreased emissions.

5. Canterbury Coffee Corporation - A coffee roasting plant.  
13840 Mayfield Place, Richmond. Amendment to Permit VA-389.

This Permit which was due to expire on September 30, 1990, has been renewed for an additional 5 year term.

6. Terminal City Iron Works Ltd. A manufacturing machine shop foundry.  
1909 Franklin Street, Vancouver. Amendment to Permit VA-206.

This Permit which was due to expire on September 30, 1990, has been renewed for an additional 5 year term. Opacity criteria have been made more restrictive on 7 sources.

AIR QUALITY AND SOURCE CONTROL - ENFORCEMENT SERVICES  
SUMMARY OF PERMITS, APPROVALS & APPLICATIONS FOR OCTOBER, 1990

A. APPLICATIONS RECEIVED IN OCTOBER, 1990

1. (a) Aqua Guard Technologies Inc. Test incineration facility.  
South foot of Nelson Rd. Richmond. New Permit AP-156
- (b) Superburn Systems Ltd., A Division of Consolidated Environmental Technologies Inc. - Test incineration facility.  
240 - 801 Belgrave Way, Delta. New Approval AP-157
- (c) Ticor Technology Ltd. - Test incineration facility.  
4623 Byrne Road, Burnaby. New Approval Ap-158

These companies have applied for authorization to conduct test burns of "Expo Lands" contaminated soil and other hydrocarbon contaminated wastes. Testing will be conducted to demonstrate compliance with the Special Waste Regulation. The Province of B.C. will grant a contract to one of the companies, allowing them to treat all the contaminated soils from the "Expo Lands Site". The successful company will then apply for a Permit to authorize emissions from their facility.

2. Esco Limited - A steel foundry.  
1855 Kingsway Avenue, Coquitlam. Amendment to Permit VA-52.

This company has applied for authorization for emissions from an additional cutting booth and also to increase their operating days from 5 days/week to 7 days/week. Emissions from the new source will be controlled with a baghouse.

3. Hal Industries Inc. - An asphalt roofing and building paper manufacturer.  
9681 - 187th Street, Surrey. Amendment to Permit VA-340.

This company has applied for renewal of their Permit which is due to expire on December 31, 1990. They have also applied for authorization for emissions from a third asphalt saturator which will be controlled with the current fume incinerator. Two natural gas fired asphalt tank heaters have also been added.

4. Accurate Rubber Products Ltd. - A rubber products manufacturer.  
12771 No. 5 Road, Richmond. Amendment to Permit VA-341.

This company has applied for renewal of their Permit which is due to expire on December 31, 1990. They have also requested authorization for emissions from an additional lathe, an additional autoclave, a boiler and ventilation of buffing, fabricating and moulding areas.

A. APPLICATIONS RECEIVED IN OCTOBER, 1990 (con't)

5. Tilbury Cement Ltd. - A cement plant.  
7777 Ross Road, Delta. Amendment to Permit VA-175.

This company has applied for authorization for emissions from 2 baghouse dust collectors associated with 2 air separators. The new baghouses will replace 4 smaller baghouses and are being installed to handle planned increases in production.

6. Thompson Foundry Ltd. - An iron foundry.  
12540 - 82nd Avenue, Surrey. Amendment to Permit VA-161.

This company has applied for authorization for emissions from a natural gas fired core oven. This source, which was previously discharging to atmosphere indirectly via general building ventilation, is now being vented directly outside.

7. Alberta Wheat Pool - A grain elevator.  
Foot of Cassiar Street, Vancouver. Amendment to Permit VA-217.

This company has applied for authorization for emissions from 3 additional baghouses handling grain dust. The baghouses are treating additional air which is required to improve internal ventilation of the grain elevator.

8. PCL Plastics Corporation - A plastic bag manufacturing plant.  
7503 Vantage Place, Delta. Amendment to Permit VA-307.

This company has applied for renewal of their Permit which is due to expire on December 31, 1990. The company has changed its name from PCL Packaging Ltd. to PCL Plastics Corporation. They have also applied for authorization for emissions from garbage bag cutting and sealing machines, 3 corona treaters and four polyethylene pellet storage silos.

B. PERMITS/APPROVALS ISSUED IN OCTOBER, 1990

1. Warnock Hersey Professional Services Ltd. - A fire test laboratory.  
211 Schoolhouse Street, Coquitlam. Approval AP-132.

This company has received authorization for emissions from an exterior wall test stand for testing the fire rating of combustible building materials.

2. B.C. Fancy Sausage Co. Ltd. - Food processing plant.  
7680 Alderbridge Way, Richmond. Amendment to Permit VA-163

This Permit has been amended to include a compliance schedule for installation of additional control works on 8 recirculating smokehouses.

3. International Forest Products Ltd., McDonald Cedar Div. - A saw, planer & siding mill.  
9269 Glover Road, Township of Langley. New Permit VA-467.

This company has received authorization for emissions from an existing sawmill and planer mill. Particulate emissions are controlled by cyclones. Drying kilns are natural gas fired.

4. International Forest Products Ltd., - A saw and planer mill.  
11732 - 130th St., Surrey. Amendment to Permit VA-392

This company has received authorization for emissions from a third antisapstain spray booth. Emissions are controlled by mist eliminators.

5. Haida Forest Products Ltd. - A lumber remanufacturing plant.  
8818 Greenall Avenue, Burnaby. Amendment to Permit VA-56.

This Permit which is due to expire on December 31, 1990, has been renewed for an additional 5 year term. They have also changed their name from Mill and Timber Products Ltd. to Haida Forest Products Ltd.

6. BCM Manufacturing Ltd. - An Overhead wood garage door manufacturer.  
9494 - 198th Street, Township of Langley. New Permit VA-465.

This company has received authorization for emissions from woodworking equipment and a paint spray system. Particulates will be controlled with a cyclone and a baghouse. Paint overspray will be controlled by a water spray system.

7. Beaver Electrical Machinery Ltd. - An electrical motor repair shop.  
7440 Lowland Drive, Burnaby, B.C. New Permit VA-472.

This company has received authorization for emissions from roasting electrical motors for rewinding, cleaning, painting, varnish baking and welding. Emissions are controlled with filters and afterburners.

B. PERMITS/APPROVALS ISSUED IN OCTOBER, 1990 (con't)

8. Reliance Universal (B.C.) Limited. - A paint manufacturer.  
20100 No. 10 Highway, Langley. New Permit VA-475.

This company has received authorization for emissions from their existing plant. Particulate emissions from mixing operations are controlled with honeycomb filters.

9. General Electric Canada Inc., Pacific Service Centre: Electric motor repair  
19606 - 96th Avenue, Langley Township. New Permit VA-477.

This company has received authorization for emissions from a new plant built to replace their current facilities in Burnaby and Kamloops. The discharge sources include bake ovens, burnoff ovens, soldering/welding stations, sandblasting room, paint booth and vacuum pressure impregnation tanks. Control works include a thermal afterburner and a baghouse.

10. Freightliner of Canada Ltd. A truck assembly plant.  
4242 Phillips Avenue, Burnaby. New Permit VA-469.

This plant has received authorization for emissions from a paint booth, bake oven, welding operations and truck diesel exhaust. Paint solvent emissions will be minimized through the use of high solids paints and paint overspray will be captured with dry filters.



Greater Vancouver Regional District  
4330 Kingsway, Burnaby, British Columbia, Canada V5H 4G8

Telephone (604) 432-6200  
Fax (604) 432-6251

Air Quality and Source Control Department - Tel (604) 436-6700 Fax (604) 436-6707

December 11, 1990

File: 602.2.1

Mr. R.A. Freeman  
City Clerk  
City of Port Coquitlam,  
City Hall,  
2272 McAllister Avenue,  
Port Coquitlam, B.C.  
V3C 2A8

REC
K6 I2 Rec 13

Dear Mr. Freeman:

Further to my letter to you, dated December 7 1990, forwarding reports summarizing recent GVRD and Waste Management Branch Permit activities, I note that the latter report may not have been attached to your letter. I have enclosed it for your information and apologize for any inconvenience.

Yours truly,

Robert S. Smith  
Superintendent, Enforcement Services  
Air Quality and Source Control

SP/RSS/ch/26

Encl.

SUMMARY OF PERMIT APPLICATIONS SUBMITTED TO THE WASTE MANAGEMENT BRANCH  
FOR STORAGE OF SPECIAL WASTE, REFUSE DISCHARGE AND EFFLUENT DISCHARGE

A. Applications for storage of Special Wastes

1. Smith Processing Labs Inc., 2104 Front Street, North Vancouver District.  
Application PS-10494.

The purpose of this application is to obtain a Permit for Special Waste storage and treatment at an existing facility recovering waste alcohol from waste printing ink.

2. Alcan Aluminum Limited - 12600 Vulcan Way, Richmond.  
Application PS-8200.

This application is for the storage of additional electrical equipment containing PCBs.

3. Weiser Inc. - 6700 Beresford Street, Burnaby.  
Application PS-10493.

This application is for a Permit to store special waste from the manufacture of door hardware and the decommissioning of electrical equipment.

4. British Columbia Hydro and Power Authority - 6517 Ladner Trunk Road, Delta.  
Application PS-70501.

This application is for the storage of electrical equipment and cleanup materials containing PCBs.

5. Dominion Bank of Canada General Insurance Co. - 1477 W. Pender Street, Vancouver. Application PS-10515.

This application is for the storage of electrical equipment containing PCBs.

B. Application for refuse discharge

(none)

C. Applications for effluent discharge to receiving waters

1. British Columbia Packers Limited - Steveston Highway, Richmond.  
Application PE-1830.

The purpose of this application is to modify the level of treatment, effluent limits and the location of the outfall for process effluent and retort cooling water. The existing outfall will be used for uncontaminated cooling water from the reduction plant.