



Compliance Assessment of Pesticide Vendors in the Greater Vancouver and Fraser Valley Regional Districts

Phase I
January 2005 – April 2005

June 2005

by

Environmental Protection Regional Operations
Integrated Pest Management Program
Lower Mainland and Vancouver Island Region
Ministry of Environment

Executive Summary

Between January 20, 2005 and April 18, 2005, the Ministry of Environment (MOE) conducted a compliance survey of businesses selling non-excluded pesticides without a valid pesticide vendor licence as required under the *Integrated Pest Management Act* and Regulation. The project resulted in the inspection of 1280 vendors in the lower mainland, each of which was subjectively placed into a predetermined vendor category (e.g. nursery, hardware store, hydroponic store, etc.). Of the 1280 vendors inspected, 91% were identified as being in compliance with the applicable legislation. Levels of compliance within vendor categories ranged from 9 to 100%. Of the 1280 vendors inspected, 115 were not in compliance with *Integrated Pest Management Act* and Regulation. The category of hydroponic vendors exhibited the lowest rates of compliance, while animal food stores, hardware stores and nurseries consistently exhibited rates of compliance that were lower than average.

This project accumulated baseline data relating to unlicensed pesticide sales occurring in the Greater Vancouver and Fraser Valley Regional Districts. The findings of this study suggest that additional work is needed to improve levels of compliance in certain vendor categories. A key recommendation is that the Ministry maintain contact with vendors on a routine basis to ensure that they receive information about the *Integrated Pest Management Act* and Regulation.

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1. Introduction

This report presents the results of a compliance assessment of unlicensed pesticide vendors that was conducted as part of the Lower Mainland and Vancouver Island Integrated Pest Management Section's regional compliance plan in 2004/05. The assessment involved conducting inspections focusing on businesses selling non-excluded pesticides without a valid pesticide vendor licence within the Greater Vancouver Regional District (GVRD) and Fraser Valley Regional District (FVRD). The assessment commenced on January 20, 2005 and it is part of a multi year, multi phased project.

Pesticide vendors found to be selling non-excluded pesticides without a pesticide vendor licence were informed of their obligation to obtain a pesticide vendor licence and provided with information that would enable them to become compliant with the *Integrated Pest Management Act (IPM Act)* and Regulation. A list of companies inspected during the project was developed and stored in a database that will serve as a resource for further compliance projects of this nature.

1.1 Relevant Legislation

The *IPM Act* and Regulation were brought into force on December 31, 2004, replacing the *Pesticide Control Act* and Regulation. The *IPM Act* and Regulation set out updated requirements and standards for the use and sale of pesticides in British Columbia, ensuring the protection of human health and the environment. Under the *IPM Act*, a person must not "use, handle, release, transport, store, dispose of or sell a pesticide in a manner that causes or is likely to cause an unreasonable adverse effect". The *IPM Act* defines the term sell as that which "includes barter or distribute, offer, expose, advertise or possess for the purpose of selling".

The pesticide sale requirements of the *IPM Act* specifically stipulate that a pesticide vendor licence is required for the retail sale of non-excluded pesticides, and for the purchase of non-excluded pesticides that are intended to be resold. The sale of pesticides by a wholesaler or manufacturer to a vendor does not require that the wholesaler or manufacturer hold a licence, provided that they are selling non-excluded pesticides to vendors possessing valid pesticide vendor licences.

Licensees selling pesticides must ensure that a certified dispenser is available during every non-excluded pesticide transaction to advise each pesticide purchaser that they may only use the pesticide according to label instructions, and to offer the purchaser advice about pest management and the safe use of the pesticide. Additionally, the certified dispenser is to be available to assist with pesticide handling, storage and emergency response in the vendor outlet. Vendor licence holders are further required to comply with reporting and record keeping provisions specified in the Regulation.

1.2 Ministry Compliance Functions

The Ministry of Environment (MOE) has developed compliance and enforcement policies and principles that are based on the Ministry's commitment to maintaining public health and safety and environmental qualities. The Ministry sets environmental standards and guidelines and monitors the successful implementation of them by promoting compliance, verifying compliance, and conducting enforcement as necessary. This project falls in the realm of compliance promotion, within the broader Ministry strategy.

2. Methodology

For the purposes of this project, specific categories of vendors that have historically been associated with the sale of non-excluded pesticides were identified. These categories included: hardware stores, hydroponic stores, dollar stores, liquidation centres, garden centres, markets, animal food stores and building supply stores. In order to increase the efficiency of Ministry inspection resources, specific retail locations within the above noted categories were identified through internet searches; address and contact information was then entered into an Excel spreadsheet. Retail locations identified by the internet search were plotted on maps and systematic inspections within municipalities of the GVRD and FVRD were conducted.

Vendors found to be in compliance with the *IPM Act* and Regulation (e.g., they were not selling pesticides or they were selling excluded pesticides only) were recorded on a daily log (Appendix A) and summarized daily in an Excel spreadsheet. This log identified the name, address, city, and category of the inspected vendor, in addition to whether they were selling excluded pesticides or no pesticides at all. Formal inspections were not conducted at compliant vendor locations, and the degree of Ministry contact with employees varied. Retail locations no longer in business were noted on the daily log, but were not transferred to the Excel spreadsheet.

If an inspector identified a vendor selling non-excluded pesticides without a valid pesticide vendor licence, the inspector identified themselves to an employee and conducted a formal inspection. Information pertaining to the inspection was recorded on an Unlicensed Pesticide Vendor Inspection form (Appendix B). In addition to pertinent contact information, general findings of the inspection and categories of pesticides sold were also recorded. Additional information was documented on the back of the form, including a description of the non-excluded pesticide products being sold.

Each non-compliant vendor received page one of the Unlicensed Pesticide Vendor Inspection form (Appendix C), which detailed the findings of the inspection and outlined sections of the *IPM Act* and Regulation that govern the sale of non-excluded pesticides. MOE retained all other portions of the inspection form. Non-compliant vendors were also provided with a list of excluded pesticides (Appendix D), a pesticide vendor licence

application form (Appendix E), and when applicable, information on how to obtain appropriate dispenser certificate (s) for their staff.

As part of the assessment, inspectors also recorded information pertaining to the sale of unregistered pesticide products. Unregistered pesticides are those which have not been approved by the Pest Management Regulatory Agency (PMRA) for sale in Canada. The sale of unregistered pesticide products did not influence whether or not a retailer was found to be in non-compliance, as for the scope of this assessment, non-compliance was defined as the selling of non-excluded pesticides registered for use within Canada without a valid pesticide vendor's licence.

For the purposes of data collection, if an unregistered pesticide product was being offered for sale by a non-compliant vendor, information regarding the unregistered pesticide product was recorded on the inspector's copy of the Unlicensed Pesticide Vendor Inspection Form. If an unregistered pesticide product was being offered for sale by a non-compliant vendor, information regarding the unregistered pesticide product was recorded on the daily log.

Information pertaining to unregistered pesticide products from both compliant and non-compliant vendors was transferred to an Excel spreadsheet. Product names and store locations were provided to inspectors at the PMRA, enabling them to conduct follow-up inspections under federal legislation.

3. Results

3.1 Overall Results

A total of 1280 vendor inspections were conducted in the GVRD and FVRD between January 20 and April 18, 2005. Of these inspections, 1165 vendors were in compliance with the requirement to possess a licence for the sale of non-excluded pesticides, while 115 vendors were not. Thus, an overall compliance rate of 91% was observed (Table 1).

Table 1. Summary of compliant activity of vendors in the Greater Vancouver and Fraser Valley Regional Districts.

Vendor Category	Total Inspections	Compliant	Non-compliant	% Compliance
Hydroponics	46	4	42	9
Hardware	24	13	11	54
Animal Food	127	92	35	72
Nursery	43	32	11	74
Liquidation Store	25	21	4	84
Building Supply	7	6	1	86
Grocery*	15	13	2	87
Equipment Supply	13	12	1	92
Pharmacy*	50	49	1	98
Dollar Store	148	147	1	99
Market	631	626	5	99
Florist	133	132	1	99
Gas Station*	2	2	0	100
Other	16	16	0	100
Total	1280	1165	115	91

* As of February 10, 2005, inspections of chain grocery stores, gas stations and pharmacies ceased.

3.2 Compliance within vendor categories

Across all municipalities, the least compliant vendor category was hydroponic retailers. With respect to these particular vendors, 4 of the 46 vendors inspected were in compliance with the *IPM Act* and Regulation, which equates to a compliance rate of 9%. Hydroponic vendors exhibited compliance rates that were considerably lower than any other single vendor category.

Vendor categories exhibiting the second, third and fourth lowest rates of compliance were hardware stores, animal food stores, and nurseries. These categories demonstrated compliance rates of 54%, 72%, and 74% respectively. The remaining 10 vendor categories had compliance rates ranging from 84 to 100%.

3.3 Non-compliant Inspections

In examining only those 115 vendors found to be in non-compliance with the *IPM Act* and Regulation, vendors in the hydroponic category were the most non-compliant vendor category, accounting for 37% of the non-compliant inspections. Animal food stores accounted for 30% of the non-compliant inspections, while both nurseries and hardware stores accounted for 10% each.

3.4 Unregistered Products

Unregistered pesticides were being offered for sale at 24 vendor locations. A total of 41 individual unregistered pesticide products were identified, with the number of unregistered pesticides encountered per store ranging from one to fourteen. A list of the unregistered products identified in the assessment can be found in Appendix F.

4. Discussion

The results of this compliance assessment of retailers selling pesticides, found an overall compliance rate of approximately 91% in the GVRD and FVRD. This assessment will be of useful reference to future inspectors conducting assessments of pesticide vendor compliance. It should be noted that reasonable efforts were made to identify the majority of potential vendors in the pre-defined business categories, but one cannot conclude that all vendors were identified, nor inspected.

Within the vendor categories, the rate of compliance varied from complete to minimal. Hydroponic retailers exhibited compliance rates much lower than that of the next most compliant vendor category. The remaining vendor categories exhibited a range of compliance between 54% and 100%. Variation was further noted amongst vendor categories that were represented by non-compliant inspections. Hydroponic stores, in addition to animal food stores, amounted to 67% of the vendors documented as being in non-compliance with the *IPM Act*. It should be noted that the data reflecting compliance rates of certain categories (e.g., nurseries) may have been misrepresented because their seasonal operations did not correspond with the inspection period.

The observed rates of non-compliance may be attributed to a variety of factors, ranging from inadequate awareness of provincial pesticide legislation by pesticide vendors, to there having been a decrease in “face to face” contact of vendors with Ministry inspectors in recent years as the Ministry has focussed staff and resources on other issues and sectors.

The lack of awareness among unlicensed vendors may be a result of unclear study materials, lack of communication by the government, or wilful disregard by pesticide vendors. Occasionally, vendors were in non-compliance with the current legislation but were in compliance with the previous *Pesticide Control Act*. This situation can arise with respect to the sale of pesticides containing pyrethrins as the active ingredient. Under the previous legislation, pesticides containing pyrethrins as the active ingredient were considered to be exempted products; however, under the *IPM Act* and Regulation only domestic pesticides are excluded from regulation. Therefore, a vendor who was selling a commercial pyrethrin product under the previous legislation would not have required a licence, but under the current legislation they would now need a license.

Lower Mainland IPM staff received a call from a major manufacturer of commercial aerosol pesticides that use pyrethrins as the active ingredient who was concerned about the changes to the legislation and the requirements for licensing in order to sell these

products. The caller was referred to the IPM headquarters office and was advised that he could make a request for an amendment to exclude commercial pesticides containing pyrethrins as the active ingredient through that office, which was done.

Recent owners of previously established businesses were often unaware of their responsibilities in relation to the sale of non-excluded pesticides. Unfamiliarity with the applicable legislation was often associated with retailers who had minimal involvement in the sale of pesticides, such as markets and dollar stores. Vendor categories associated with low rates of compliance were frequently aware of the existence of regulations concerning the sale of pesticides, while certain vendors communicated an awareness of the *IPM Act* and Regulation to inspectors, but chose to disregard the requirement to obtain a pesticide vendor licence and certification for their staff. Low compliance by hydroponic vendors is of particular concern because consumers are likely purchasing pesticides for application to products that will presumably be ingested without having been advised of any potential human health and environmental hazards and label requirements associated with the use of the pesticide product.

This project was important in establishing a basic understanding of the unlicensed pesticide sales occurring in the GVRD and FVRD. In general, a primary concern identified in the findings of this assessment, is the sale of pesticide products hazardous to human health and the environment by unlicensed vendors without certified dispensers to confirm the intended and appropriate use of the products. As a result, the purchaser and/or applicator of the pesticide product may unknowingly be put at risk.

Administratively, unlicensed vendors do not pay the licensing fee, or pesticide dispenser certificate fee, which creates an uneven economic playing field for legitimate businesses. This project addressed the 'level playing field' issue by identifying unlicensed pesticide vendors selling non-excluded pesticides and educating companies as to their legal obligations under provincial legislation and advising them of the need to obtain a licence to sell non-excluded pesticides in the future. The data collected should be used to conduct future compliance projects after a reasonable amount of time has been allowed for the vendors identified during this project to conform to the *IPM Act* and Regulation.

5. Recommendations

Based on the data collected the following recommendations are made:

1. Future projects of this nature should be timed to account for seasonal pesticide sales at nurseries or garden centres which occur during limited times of the year.
2. Recommend that the relationship between pesticide vendor licences and certified dispenser certificates be clarified in the study materials by amending them or sending a letter with the certificate being sent to the dispenser clarifying this relationship.
3. It is a violation of the *IPM Act* and Regulation for a pesticide wholesaler to sell non-excluded pesticides to an unlicensed vendor; therefore, MOE should take steps to identify the wholesalers who supplied pesticides to the unlicensed vendors identified in this report to advise them of their legal obligations under the *IPM Act* and Regulation.
4. Consider conducting a pilot project with a municipal partner to gather data on the feasibility of having the municipality identify vendors selling pesticides through their business licensing process and then develop a process by which the vendor is appropriately licensed.
5. Make the pesticide database available to stakeholders online so they can view real-time data on licensed vendors in the province; taking this action would support the stakeholders identified in recommendations 3 and 4 above.

Appendix B: Unlicensed Pesticide Vendor Inspection Form

UNLICENSED PESTICIDE VENDOR INSPECTION

Company name: _____ Date of Inspection _____

Address: _____

Telephone No: _____ Company representative contacted: _____

Supplier Names: _____

Findings:

	YES	NO
Non-excluded Pesticide Products sold?	<input type="checkbox"/>	<input type="checkbox"/>
Staff advised to cease non-exempt pesticide sales until licence obtained?	<input type="checkbox"/>	<input type="checkbox"/>
Supplemental information package left with representative?	<input type="checkbox"/>	<input type="checkbox"/>
_____ pesticides located within 2m of food?	<input type="checkbox"/>	<input type="checkbox"/>

Domestic
 Commercial
 Restricted
 Permit – Restricted

Packaging: Compromised Unlabelled

Categories of Pesticides Sold:

Permit – Restricted

<input type="checkbox"/>	Insecticide-Organophosphate	<input type="checkbox"/>	Insecticide-Other	<input type="checkbox"/>	Herbicide	<input type="checkbox"/>	Fungicide	<input type="checkbox"/>	Rodenticide	<input type="checkbox"/>	Other
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Restricted

<input type="checkbox"/>	Insecticide-Organophosphate	<input type="checkbox"/>	Insecticide-Other	<input type="checkbox"/>	Herbicide	<input type="checkbox"/>	Fungicide	<input type="checkbox"/>	Rodenticide	<input type="checkbox"/>	Other
--------------------------	-----------------------------	--------------------------	-------------------	--------------------------	-----------	--------------------------	-----------	--------------------------	-------------	--------------------------	-------

Commercial

<input type="checkbox"/>	Insecticide-Organophosphate	<input type="checkbox"/>	Insecticide-Other	<input type="checkbox"/>	Herbicide	<input type="checkbox"/>	Fungicide	<input type="checkbox"/>	Rodenticide	<input type="checkbox"/>	Other
--------------------------	-----------------------------	--------------------------	-------------------	--------------------------	-----------	--------------------------	-----------	--------------------------	-------------	--------------------------	-------

Domestic

<input type="checkbox"/>	Insecticide-Organophosphate	<input type="checkbox"/>	Insecticide-Other	<input type="checkbox"/>	Herbicide	<input type="checkbox"/>	Fungicide	<input type="checkbox"/>	Rodenticide	<input type="checkbox"/>	Other
--------------------------	-----------------------------	--------------------------	-------------------	--------------------------	-----------	--------------------------	-----------	--------------------------	-------------	--------------------------	-------

Unregistered

Type of Business Activity

Hydroponics
 Garden Centre
 Building Supplies
 Hardware
 Dollar/Liquidation Stores
 Market
 Pet Store
 Other

Appendix C: Vendor Copy of Unlicensed Pesticide Vendor Inspection Form



Ministry of
Environment



VANCOUVER 2010
CANDIDATE CITY

IT'S OUR TIME
TO SHINE

UNLICENSED PESTICIDE VENDOR INSPECTION

Company name: _____ Date of Inspection _____

Company representative contacted: _____

Supplier Names: _____

Findings:

- | | YES | NO |
|--|--------------------------|--------------------------|
| a) Non-excluded Pesticide Products sold? | <input type="checkbox"/> | <input type="checkbox"/> |
| b) Staff advised the sale of non-excluded pesticides is in conflict with the <i>Integrated Pest Management Act and/or Regulation</i> ? | <input type="checkbox"/> | <input type="checkbox"/> |
| c) Supplemental Information package left with representative? | <input type="checkbox"/> | <input type="checkbox"/> |

The following sections of the *Integrated Pest Management Act and Regulation* govern the sale of non-excluded pesticides:

Section 4(1) of the *Integrated Pest Management Act*. Subject to the regulations, a person must not sell or offer to sell a pesticide unless that person holds the licence that is, under the regulations, required for that purpose, and complies with the terms and conditions in or attached to that licence.

Section 44(2) of the *Integrated Pest Management Regulation*. A person must hold a pesticide vendor licence who sells or offers to sell a pesticide, or purchases, directly or indirectly, a pesticide for the purpose of selling the pesticide.

Please ensure that you take the steps necessary to ensure that sales of pesticides are in compliance with the *Integrated Pest Management Act and Regulation*.

Received by: _____ Pesticide Management Officer or Technician: _____

Ministry of Water, Land
and Air Protection

Regional Operations
Lower Mainland Region

Mailing/Location Address:
10470 152 Street
SURREY BC V3R 0Y3

Telephone: (604) 582-5200
Facsimile: (604) 930-7119
<http://www.gov.bc.ca/>
<http://www.gov.bc.ca/wlap/>

Appendix D: Excluded List

INTEGRATED PEST MANAGEMENT REGULATION SCHEDULE 2 – EXCLUDED PESTICIDES

1. acetic acid (DOMESTIC)
2. animal repellents (DOMESTIC and COMMERCIAL) except thiram
3. anti-fouling paints (DOMESTIC and COMMERCIAL)
4. antisapstain wood preservatives used on private, industrial land owned by the company or person responsible for the application (COMMERCIAL)
5. asphalt solids (pruning paints) (DOMESTIC and COMMERCIAL)
6. bacillus thuringiensis kurstaki (Btk) (DOMESTIC)
7. bactericides used in petroleum products (DOMESTIC and COMMERCIAL)
8. boron compounds (DOMESTIC)
9. boron compounds with up to 5% copper for insect control and wood preservation (COMMERCIAL)
10. capsaicin (DOMESTIC, COMMERCIAL and RESTRICTED)
11. cleansers (DOMESTIC and COMMERCIAL)
12. corn gluten meal (DOMESTIC and COMMERCIAL)
13. d-phenothryn (DOMESTIC)
14. d-trans-allethrin, also referred to as d-cis, trans allethrin (DOMESTIC)
15. deodorizers (DOMESTIC and COMMERCIAL)
16. fatty acids (DOMESTIC)
17. ferric phosphate (DOMESTIC and COMMERCIAL)
18. ferrous sulphate (DOMESTIC and COMMERCIAL)
19. hard surface disinfectants (DOMESTIC and COMMERCIAL)
20. insect bait stations (DOMESTIC)
21. insect pheromones (DOMESTIC and COMMERCIAL)
22. insect repellents (DOMESTIC)
23. laundry additives (DOMESTIC and COMMERCIAL)
24. material preservatives (DOMESTIC and COMMERCIAL)
25. methoprene (DOMESTIC)

26. mineral oils for insect and mite control (DOMESTIC)
27. n-octyl bicycloheptene dicarboximide (DOMESTIC)
28. naphthalene for fabric protection (DOMESTIC)
29. paradichlorobenzene for fabric protection (DOMESTIC)
30. pesticides in aerosol containers (DOMESTIC)
31. pesticides registered under the federal Act for application to pets (DOMESTIC and COMMERCIAL)
32. piperonyl butoxide (DOMESTIC)
33. plant growth regulators (DOMESTIC)
34. polybutene bird repellents (DOMESTIC and COMMERCIAL)
35. pyrethrins (DOMESTIC)
36. resmethrin (DOMESTIC)
37. rotenone (DOMESTIC)
38. silica aerogel, also referred to as silica gel, amorphous silica and amorphous silica gel (DOMESTIC and COMMERCIAL)
39. silicon dioxide, also referred to as “diatomaceous earth” (DOMESTIC and COMMERCIAL)
40. slimicides (COMMERCIAL)
41. soaps (DOMESTIC and COMMERCIAL)
42. sulphur, including lime sulphur, sulphide sulphur and calcium polysulphide (DOMESTIC)
43. surfactants (DOMESTIC and COMMERCIAL)
44. swimming pool algicides and bactericides (DOMESTIC and COMMERCIAL)
45. tetramethrin (DOMESTIC)
46. wood preservatives (DOMESTIC)

Appendix E: Pesticide Vendor Licence 2005/2006 Application Form



Ministry of
Environment

APPLICATION FOR PESTICIDE LICENCE 2005/2006

PLEASE PRINT CLEARLY.

A	Are you intending to sell pesticides?	<input type="checkbox"/>	<input type="checkbox"/>	Did this applicant previously hold a vendor licence?	<input type="checkbox"/>	<input type="checkbox"/>	If YES, please provide the pesticide licence number.	<input type="text"/>
		Yes	No		Yes	No		
B	Are you intending to use pesticides as a service?*	<input type="checkbox"/>	<input type="checkbox"/>	Did this applicant previously hold a service licence?	<input type="checkbox"/>	<input type="checkbox"/>	If YES, please provide the pesticide licence number.	<input type="text"/>
		Yes	No		Yes	No		
C	Are you intending to use pesticides on a non service basis?*	<input type="checkbox"/>	<input type="checkbox"/>	Did this applicant previously hold a licence for non service uses?	<input type="checkbox"/>	<input type="checkbox"/>	If YES, please provide the pesticide licence number.	<input type="text"/>
		Yes	No		Yes	No		

Full Legal Name of Applicant This name must be of a Limited or Incorporated company registered with the BC Registrar of Companies. Please provide the name exactly as registered and provide the incorporation registration number. Note that if no match is found licence issuance will be delayed. **If the applicant is not a Limited or Incorporated company use full personal name.**

<input type="text"/>	<input type="text"/>			
Applicant Name	B.C. Incorporation registration #			
<input type="text"/>	<input type="text"/>			
Business Operating Name, if different from above (i.e. doing business as)	Name of Contact Person for Licence			
<input type="text"/>	<input type="text"/>			
Apt No	Street Name and Number	City	Province	Postal Code
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Email Address	Area Code + Telephone #	Area Code + Cell Phone #		
<input type="text"/>	<input type="text"/>	<input type="text"/>		

Other Business Location(s) of Licensee

List all other business locations where pesticide products or services are sold and records are kept.

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Apt No	Street Name and Number	City	Postal Code	Area Code + Telephone #	Previous Licence #
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Apt No	Street Name and Number	City	Postal Code	Area Code + Telephone #	Previous Licence #
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Apt No	Street Name and Number	City	Postal Code	Area Code + Telephone #	Previous Licence #
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Notice of Prescribed Pesticide Uses

Licensees must notify the ministry before performing any of the three uses below. The applicant can notify the ministry by checking one or more of the boxes on this application or by submitting a separate written notice at least two (2) business days prior to treatment.

Fumigation
 Application on public land
 Aerial

General Type(s) of Pesticide Use

Please check (✓) all categories below that correspond with your intended pesticide use (not required for vendors):

<input type="checkbox"/> Agriculture	<input type="checkbox"/> Fumigation – phostoxin	<input type="checkbox"/> Noxious weed control
<input type="checkbox"/> Forestry – broadcast	<input type="checkbox"/> Industrial vegetation	<input type="checkbox"/> Structural – general
<input type="checkbox"/> Forestry – non-broadcast	<input type="checkbox"/> Landscape	<input type="checkbox"/> Structural – wood preservation
<input type="checkbox"/> Fumigation – methyl bromide	<input type="checkbox"/> Mosquito and biting fly	<input type="checkbox"/> Other _____

Note: Applicants must employ an individual that holds a certificate endorsed for the pesticide use(s) indicated in the above sections.

For WLAP IPM Office Use Only			
DATE APPLICATION RECEIVED:		DATE LICENCE MAILED:	
Payment	OK ()	Not Attached ()	Incomplete () or Incorrect ()
Certification	OK ()	Expired ()	Incorrect Category ()
Annual Summary	Received ()	Not Received ()	Not Required ()
Log No.:	Licence Expires on: March 31 st , 20__		* See last page for definitions
Application Processed by:	Region:		

Certified Staff

If more space is required, provide the information requested on a separate sheet.

Last Name	First Name	City of Employment	Certificate Category	Certificate Number

Licence Fee Categories

Please check (✓) all licence categories that apply to this application:

1. Pesticide Vendor (for selling pesticides)

- \$250 Sell *only* DOMESTIC pesticides
- \$250 Sell less than 100 kg/year of COMMERCIAL or PERMIT-RESTRICTED or RESTRICTED pesticides
- \$1000 Sell 100 kg/year or more of COMMERCIAL or PERMIT-RESTRICTED or RESTRICTED pesticides

2. Pesticide User – Service: For structural or landscape pest management, mosquito management and any other pesticide use service not referred to under 3 below

- \$250 Conduct business from only one business address
- \$500 Conduct business from 2 or 3 business addresses
- \$1000 Conduct business from 4 or more business addresses

3. Pesticide User – Service: For management of forest pests on private or public land used for timber production, for vegetation management on facilities or rights of way for railways, highways, public utilities and pipelines on public or private land, or other industrial sites on public land and invasive or noxious weed management on public land

- \$250 Apply pesticides to less than 50 hectares per calendar year
- \$500 Apply pesticides to 50 or more hectares but less than 500 hectares per calendar year
- \$1000 Apply pesticides to 500 or more hectares per calendar year

4. Pesticide User – Non-service: For management of forest pests on private or public land used for timber production

- \$250 Apply pesticides to less than 50 hectares per calendar year
- \$500 Apply pesticides to 50 or more hectares but less than 500 hectares per calendar year
- \$1000 Apply pesticides to 500 or more hectares per calendar year

Note: hectares refers to the total area of land to which pesticide is applied by the licensee in a calendar year.

5. Pesticide User – Non-service: Not including management of forest pests on land used for timber production (see when non service licences are required on the last page of this application)

- \$250 All other non-service uses

Licence Term

Please check (✓) the length of time for which a licence is required:

- 1 year Expires 31/03/2006 2 years Expires 31/03/2007 3 years Expires 31/03/2008 4 years Expires 31/03/2009 5 years Expires 31/03/2010

Licence Fee Calculation

Note: If more than one of the above categories is applicable the applicant is to pay ONLY the fee for the single highest applicable category.

Total Fees Payable = Applicable Annual Fee x Number of years = \$.00

The undersigned certifies that the information supplied on this form is correct and that the licence holder will comply with the British Columbia Integrated Pest Management Act and Integrated Pest Management Act Regulations.

Print Name: Position Title:
Signature: Date:

Payment Form

For MoE IPM Office Use Only

Log Number:

Amount of Payment Submitted: .00

Form of Payment

The Ministry of Environment now accepts VISA or MASTERCARD as well as cheque or money order.

Please indicate how you would like to pay:

Cheque Money Order Credit Card (Please provide credit card information in the area below)

Cheque or Money Order Payment Option

For payment by Cheque or money order please make payable to **Minister of Finance** and mail to the address below.

Name as it appears on cheque or money order: _____

Credit Card Payment Option

Do not complete this section if you are paying by cheque or money order.

Please bill my VISA MASTER CARD

Name as it appears on Credit Card: _____

Name of applicant if different than name on Card: _____

Contact telephone number for Card holder: _____

Credit Card number: _____

Credit Card Expiry Date: _____

Signature: _____

Note: Credit card information provided on this form will not be retained. Upon authorization of payment request this page will be destroyed.

Mailing and Contact Information

Please send this Pesticide Use Notice, including this payment form, along with a cheque, money order or credit card payment.

MAILING ADDRESS

IPM PROCESSING
MINISTRY OF ENVIRONMENT
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For use with credit card option

GENERAL INFORMATION NUMBER

For information phone the Ministry receptionist at (250) 387-3205. Indicate the subject of your enquiry and you will be promptly directed to the appropriate staff member.

Please allow 30 days for the processing of this notice.

Definitions and Interpretations

The following interpretations are provided for guidance purposes only and are not complete. For complete definitions see the *Integrated Pest Management Act* Regulation

Pesticide use services that require a licence are any pesticide uses for another person who is an owner or manager of the land on which the pesticide is to be used, under a contract for service.

Non-service pesticide uses that require a licence include the use of pesticides by the owner or manager of land on which the pesticide is to be used for the following purposes:

- (a) the management of vegetation on not more than 20 ha a year of public land that are used for an industrial site, as defined below
- (b) the management of vegetation on not more than 20 ha a year of private land that are used for a railway right of way, yard or associated signal or communication facility, facilities or rights of way for a highway, a public utility or oil or gas pipeline
- (c) the management of forest pests on not more than 20 ha a year of public land that are used for timber production or are forested or on any size of private land used for timber production, including private roads, roadsides and other areas ancillary to the timber production;
- (d) the management of structural or landscape pests on public land and of plant roots in sewers and drain pipes on public land
- (e) the management of noxious weeds or invasive plants on not more than 50 ha a year of public land
- (f) the management of mosquitoes, using a bacterial pesticide in water bodies with an area less than 1 ha a year
- (g) to preserve up to 1 000 wooden poles a year on public or private land used for a highway or a facility or right of way for a public utility

“industrial site” means an area of land on which is located industrial infrastructure and ancillary works, including, without limiting this,

- (a) facilities for manufacturing or processing,
- (b) mines, well sites, equipment yards and other facilities for or ancillary to energy production or resource extraction,
- (c) highways, transmission lines, pipelines, railways, associated rights of way and other facilities for storing or distributing products, energy or resources,
- (d) incinerators, landfills, sewage treatment plants and other facilities for the disposal or treatment of waste,
- (e) dams, dikes and reservoirs, and
- (f) facilities operated as public airports,

but does not include landscaped land;

“landscape” means an area of land that has been improved by planting with ornamental plants or is maintained for ornamental purposes;

“public land” means

- (a) Crown land that is not private land,
- (b) bodies of water, and
- (c) land that is owned or leased for its own purposes by
 - (i) a local authority described in paragraph (a), (b), (c), (d) or (e) of the definition of that term in the Schedule to the *Community Charter*,
 - (ii) a university, or an institution, as defined in section 1 of the *College and Institute Act*,
 - (iii) a board, or a francophone education authority, as defined in section 1 (1) of the *School Act*,
 - (iv) a regional hospital board, or a regional hospital district, as defined in section 1 of the *Hospital District Act*, and
 - (v) a government corporation as defined in section 1 of the *Financial Administration Act*;

Appendix F: List of Unregistered Products Identified During the Project

Product Name	PCP No.	EPA No.
Chinese Chalk		
Mosquito Coil		
Zap-a-Roach (454g)	23488 (expired)	
Zap-a-Roach (142g)		51311-1
Zap-a-Roach (454g)	23488 (expired)	
Proexterminator		11623-3
Naphthalene		
Naphthalene		
Naphthalene (3 unknown products)		
Naphthalene		
Naphthalene		
Naphthalene		
Naphthalene		
Naphthalene		
Naphthalene		1475-39
Pegasus Ant + Roach Killer		46813-39-7125
Chinese Chalk		
Zodiac Pre-strike		2724-404
Zodiac Yard & Garden Spray		28293-271-2724
Zodiac Carpet & Upholstery Pump Spray		2724-401
Natural Chemistry Deflea Pet & Area Spray		45729-4
Natural Chemistry Deflea Pet Shampoo		45729-4
Four Paws Repellent for Dogs & Cats		13799-1
Zodiac Wipe Away for Dogs		11715-241-2724
Zodiac Pre-strike Outdoor Fogger		11715-325-2724
Four Paws Magic Coat		13799-2
Four Paws Magic Coat Plus		13799-10
Cardinal Flea & Tick Spray		29909-8
Four Paws Keep Off		572-209-13799
Farnam Pet Products Herbal Scented Collar for Dogs		
Lambert Kay Zenox Flea & Tick Concentrated Dog Shampoo		8220-5
Releve Yard & Kennel Spray		10350-12-62725
Naphthalene		
Naphthalene		
Naphthalene		
Naphthalene		
Naphthalene		
Naphthalene		
Deitz Household Insecticide		