

Disclaimer: These minutes were prepared as a reasonable summary of the essential content of this meeting, not as a transcription.



Minutes of the Agricultural Advisory Committee Meeting

April 25, 2024, 10:00 a.m.

Meadows Room

12007 Harris Road, Pitt Meadows, BC V3Y 2B5

Voting Members:

J. Bachmann
H. Bitter
S. Howkins
L. Kemper
D. Kosicki
P. Robinson*
T. Vader

Council Liaison:

Councillor M. Manion

Guests:

T. Kimoto, Survey Biologist, Canadian Food Inspection Agency*
S./Sgt. Luca – Ridge Meadows RCMP*
C. Neufeld – Manager of Parks, Planning & Development – City of Maple Ridge*
A. Rieu – Planner – City of Maple Ridge AAC Staff Representative*

Regrets:

A. Aquilini
Drew Bondar, B.C. Ministry of Agriculture and Food (Non-Voting Member)
T. Hopcott
W. Jack
Councillor B. Meachen (Alternate)
J. Parmar

Staff: M. Baski, Project Manager, Agriculture & Environment (Chair)
A. Seed, Engineering Technologist
P. Ward, Director of Planning & Development

Recording Clerk: T. McCaw, Committee Clerk II

1. CALL TO ORDER

M. Baski, Project Manager, Planning, acknowledged that the meeting was held on the traditional territory of the ᑭᓴᓴᑦᑦ (Katzie) First Nation.

The meeting was called to order at 10:03 AM.

2. LATE ITEMS

None.

3. APPROVAL OF AGENDA

There was general consent amongst the committee to approve the April 25, 2024 Agricultural Advisory Committee agenda.

4. ADOPTION OF MINUTES

There was general consent amongst the Committee to approve the minutes from the March 7, 2024 Agricultural Advisory Committee meeting as circulated.

5. NEW BUSINESS

5.1 Crime Reporting - Rural Areas

S./Sgt. Luca provided a verbal presentation on the importance of reporting crime in the rural areas of Pitt Meadows.

The Committee participated in a discussion with the following main themes noted:

- The question was raised around the number of RCMP officers who work in Pitt Meadows currently (S./Sgt. Luca confirmed that there are currently 23 members who are funded by the City of Pitt Meadows);

- The suggestion was made to have more RCMP members working in Pitt Meadows (Staff confirmed that when the new Pitt Meadows detachment opens, there would be 24 members working in Pitt Meadows which should provide a noticeable increase of presence in the community);
- City budget in regard to the RCMP was discussed;
- Increase of homelessness was discussed; and
- Discussions were held around the expectations from the RCMP in the event of a flood in regards to supporting farm animals (S./Sgt. Luca noted that a command center would be set up and direction would come from the Fire Chief of Pitt Meadows and would be dependant upon resourcing, what the actual flood level is, and where RCMP would be needed which would be prioritized).

**S./Sgt. Luca left the meeting at 10:32 AM*

5.2 Canadian Food Inspection Agency Presentation on the Japanese Beetle

T. Kimoto, Survey Biologist, Canadian Food Inspection Agency provided a presentation on the Japanese Beetle forming a part of the minutes as

Attachment 1. Some of the highlights included:

- The history of the Japanese Beetle and its origin;
- Efforts used to locate the Japanese Beetle;
- Various trapping techniques used;
- The migration of the Japanese Beetle in the Lower Mainland;
- The efforts made to reduce the overall population; and
- The efforts made to reduce the opportunity of the migration of the Japanese Beetle into other communities.

The Committee participated in a discussion with the following main themes noted:

- The question was raised when an area would change its title and be deemed unregulated (T. Kimoto confirmed this would happen after two years of negative trapping);
- Discussions were held around the impacts of purchasing products from areas that are known to house the Japanese Beetle;

- Different types of traps were discussed as well as which government agencies were responsible for each; and
- The question was raised around what the total percentage of beetles found in Port Coquitlam was in relation to the overall number of Japanese Beetles in the Province (T. Kimoto confirmed this would be too difficult to determine as the traps work well but placement is also critical to have accurate numbers and statistics).

**P. Robinson left the meeting at 11:11 AM*

**C. Neufeld & A. Rieu left the meeting at 11:16 AM*

5.3 Fill Deposit Application-Lot 39- McNeil Road

A. Seed, Engineering Technologist, provided a presentation on an application received for the import of structural and preload fill for the construction of a Single Family Dwelling and Farm Structure at Lot 39 of McNeil Road forming a part of the minutes as **Attachment 2**.

The Committee participated in a discussion with the following main themes noted:

- There were no concerns raised around this application as the parcel and the footprints were within the allowable parameters;
- the question was raised whether the home size met the requirements - staff to look into this (not typically on the Geotechnical report);
- Discussions were held around the changes to the historical features of Pitt Meadows with addition of many estate homes being built on the north side of Lougheed Highway on smaller parcels.

**H. Bitter left the meeting at 11:28 AM*

It was **MOVED** and **SECONDED** THAT the Agricultural Advisory Committee:

- A. Supports the fill deposit application to import structural and preload fill for the construction of a Single Family Dwelling and Farm Structure at Lot 39 of McNeil Road.

CARRIED

5.4 Annual Agricultural Survey Questions & Outreach Methods

M. Baski, Project Manager, Agriculture & Environment, led a discussion on the Agricultural Survey questions and outreach methods for local farmers. Staff was looking for direction in the following areas:

- Best form and time to send out communication; and
- Whether incentives (other than monetary) would encourage responses.

The Committee participated in a discussion with the following main themes noted:

- The recommendation was made to use all types of communication from your standard letter in the mail, to digital surveys through email, emails, and door knocking to all farmers; and
- A suggestion was made for Staff to either send correspondence out in January or in the fall, and to include a cover letter indicating the importance of the information.

**H. Bitter rejoined the meeting at 11:33 AM*

5.5 Irrigation Study Update

M. Baski, Project Manager, Agriculture & Environment, provided a verbal update on the progress of the City's recent Irrigation Study. Some of the highlights included:

- Irrigation study is currently underway;
- Set-points have been raised to the summer set-points;
- Staff is currently looking into short term licencing with the Ministry of Water, Land, and Resource Stewardship; and
- Staff will be reaching out to the Committee asking questions around specific irrigation needs, best practices and typical requirements, calendar demands per month in order to determine different needs.

There were no further discussions or comments made by the Committee on this topic.

5.6 AAC Application Tracker

M. Baski, Project Manager, Agriculture & Environment, provided an update on the AAC Application Tracker.

There were no further discussions or comments made by the Committee on this topic.

5.7 AAC Action Items

M. Baski, Project Manager, Agriculture & Environment, provided an update on the AAC Action Item Tracker.

There were no further discussions or comments made by the Committee on this topic.

5.8 Annual Committee Presentation to the Engagement & Priorities Committee (EPC)

M. Baski, Project Manager, Agriculture & Environment, sought out a committee volunteer to provide a presentation on behalf of the AAC to the Engagement & Priorities Committee scheduled July 16, 2024 at 7:00 PM.

There were no volunteers who stepped forward; however, committee members put forward Travis Hopcott's name to present again.

5.9 Representation on the Economic Development Advisory Committee (EDAC)

M. Baski, Project Manager, Agriculture & Environment, acknowledged a current vacancy on the Economic Development Advisory Committee which is currently seeking representation from one member of the Agricultural Advisory Committee.

There were no further discussions or comments made by the Committee on this topic.

5.10 May 2024 Committee Meeting

M. Baski, Project Manager, Agriculture & Environment, discussed alternative options for the scheduled May Agricultural Advisory Committee meeting with a recommendation made to cancel the May 9th meeting adding either May 23 or 30 depending on agenda topics.

6. **ROUNDTABLE**

The Committee participated in a roundtable discussion; no motions or recommendations were put forward.

7. **ADJOURNMENT**

The meeting was adjourned at 12:06 PM

The next ***Agricultural Advisory Committee*** Meeting is scheduled for ***May 9, 2024*** at ***10:00 AM.***

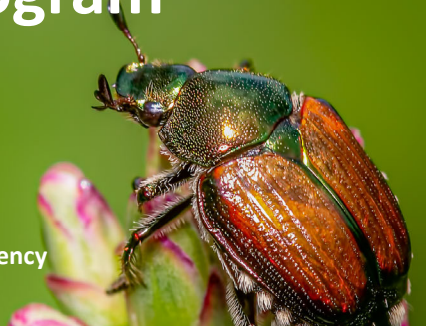
Certified as correct:

Tatiana McCaw, Committee Clerk II

Vancouver Japanese Beetle Eradication Program

2023 Update

Troy Kimoto
Canadian Food Inspection Agency



Japanese beetle (*Popillia japonica*)

- Native to the main islands of Japan
- Introduced, New Jersey, 1916
- First interception in Canada 1939 in Yarmouth, NS
- Niagara, ON 1939



- Quebec 1939
- Annual trapping program - 1939
- Quarantine Pest to Canada
- D-96-15 Phytosanitary Requirements to Prevent the Spread of Japanese Beetle, *Popillia japonica* in Canada and the United States.

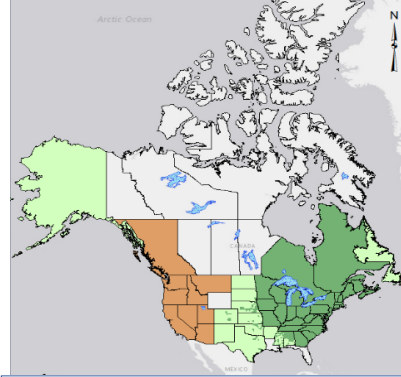
Japanese beetle (*Popillia japonica*)

Japanese beetle is a federally **REGULATED** and **QUARANTINE** pest.

BC is the only province in Canada that is considered a **Japanese beetle pest-free area** –

We want to keep it that way!!!

2017 Japanese Beetle Infested Areas



NORTH AMERICA REGULATORY STATUS
Categories:

- 1 – Pest Free Area
- 2 – Area of Low Pest Prevalence
- 3 – Partially or generally infested
- 4 – Not known to be infested

Japanese beetle

APPEARANCE

Adult 10 mm long, 6 mm wide, metallic green, oval-shaped body with bronzed outer wings.



(Pest and Diseases Image Library, Bugwood.org)

Larvae about two or three cm's (one inch) long when mature. Off-white colour and have a C-shaped body. They have three pairs of legs.



(David Cappaert, Michigan State University, Bugwood.org)

Japanese beetle

KEY DIAGNOSTIC FEATURE



6 tufts of white
hair along each
edge of the
abdomen



Life Stages

LIFE STAGES



egg

1st, 2nd, 3rd instars

pupa

adult

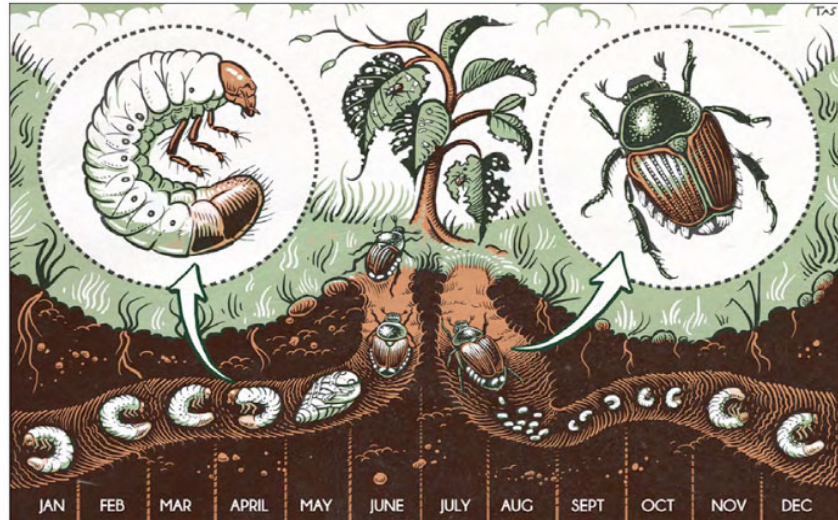
LIFE CYCLE – univoltine (1 generation/yr)

Four Life Cycle

Stages:

1. *Egg*
2. *Pupa*
3. *Larva*
4. *Adult*

Japanese beetle is a threat because it causes damage during TWO life cycle stages



Host plants

ADULT HOSTS

Over 300 species attacked

Attacks

- Ornamentals
- Nursery stock
- Tree fruit
- Small fruit
- Field crops



And other Polygonaceae

Commonly Attacked

- Japanese maple, Norway maple
- *Prunus* spp.
- *Malus* spp.
- Grape
- Small Fruit
- Virginia Creeper
- **Rose**
- Elderberry
- *Rubus* spp. i.e. Blackberry
- **Persicaria amplexicollis**
 - (bistort, mountain fleece)



Adult hosts

Japanese Beetles:
adults feed on foliage (August 5)
Photo: Tracy Huppelsheuser (BC AG)



Photo: Dave Holden, CFIA

Larval hosts

LARVAL HOSTS

Wide variety of plant roots

- ornamental, shrubs, garden crops

Preferred turf grasses

- Kentucky Bluegrass
- Perennial Ryegrass
- Tall Fescues
- Bentgrass



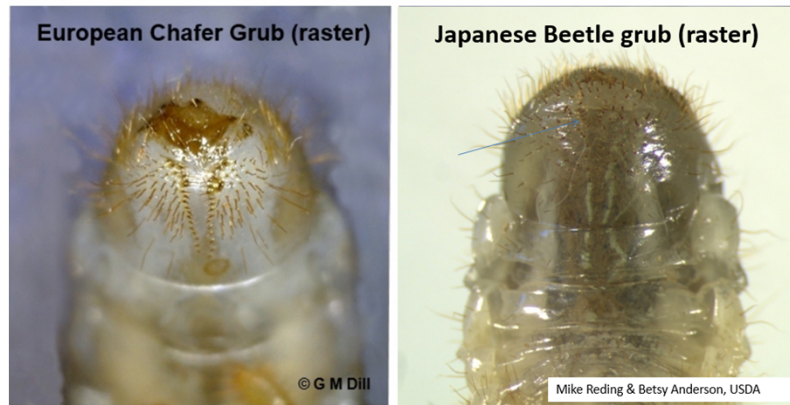
LARVAL DAMAGE

- Larva feed on roots reducing the plants intake of water and nutrients.
- Patches of brown dead grass, may feel spongy and be easily pulled away.



RASTER PATTERN

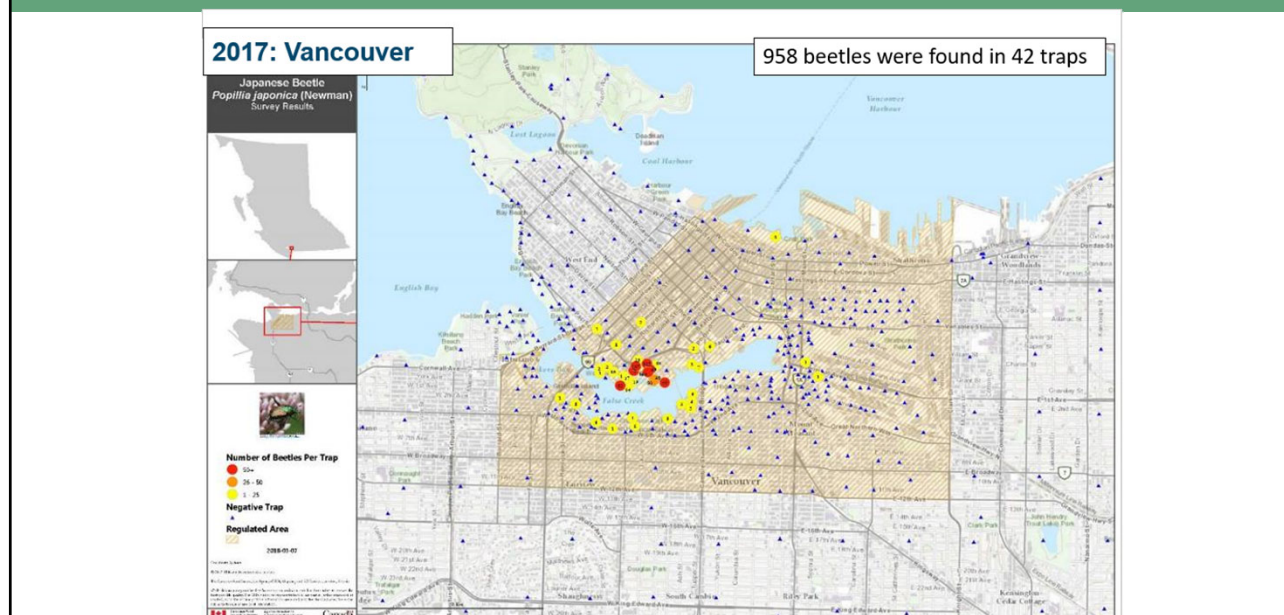
Raster comparisons of two common grub types in Maine



If you think you have JB,
keep the specimen
(freezer), contact CFIA!

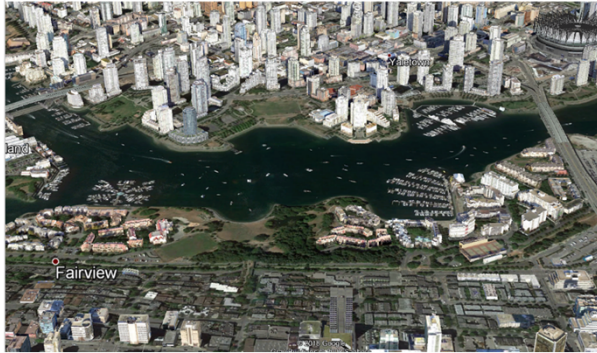
Official ID by our lab

2017 Vancouver – 1st detection



Collaborative Eradication

FALSE CREEK AREA



Japanese Beetle Call to Action Meeting
March 13, 2018



Some Collaborators and Funders: but there are even more partners...



No agency held all the tools needed - collaboration was key to success.

Treatment

Treatment

Team: Vancouver Parks, Province, BCLNA



For Larvae:

- 1 application Acelepryn (cloranthraniliprole, group 28- very low mamm. tox),
- Soil drench on turf in treatment zone
- Between April 1 and July 15
- Target is young larvae
 - 1 year "delay"
- Done by: City/Parks staff and private applicators



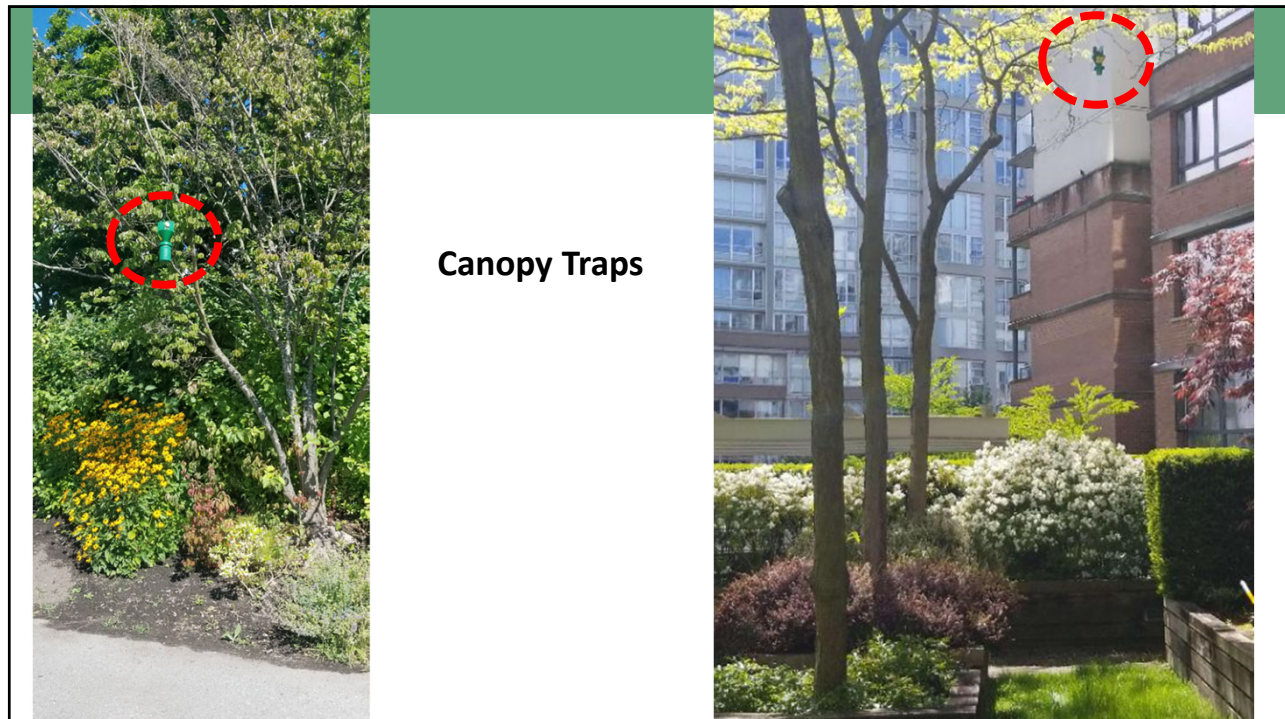
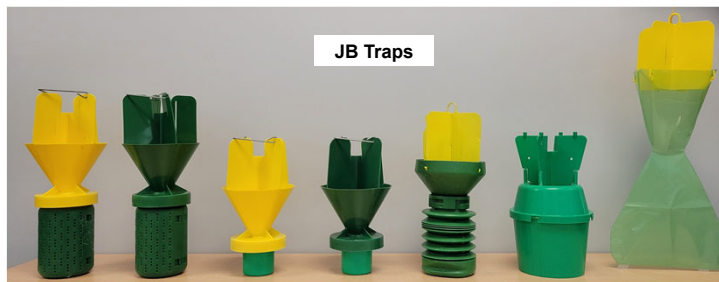
David Lam treatment April 2019

Surveillance (CFIA)

- The CFIA conducts surveys for **adult JB from June 10 to October 15** to align with the adult JB flight period (**June 15 to October 15**)
- Trap placement begins in late April.

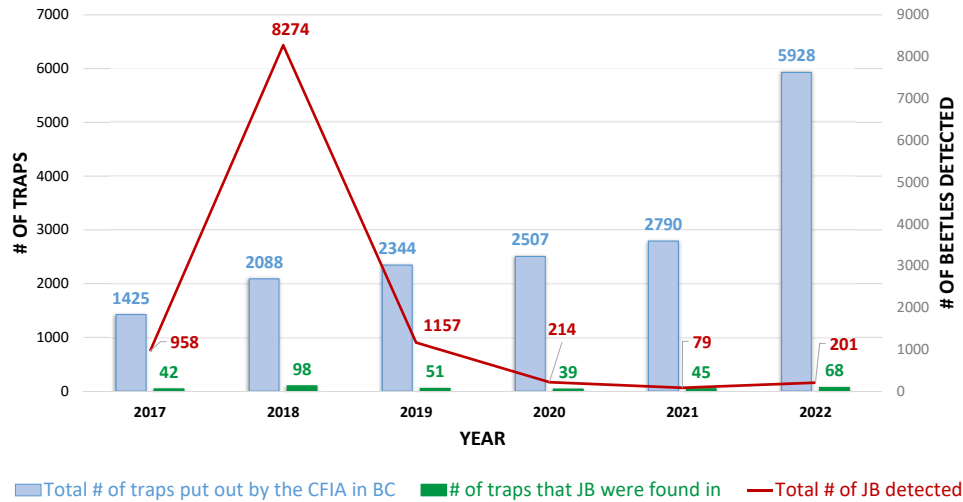
Service frequency:

- Traps are checked every three weeks
- High-risk sites during peak flight are checked once per week

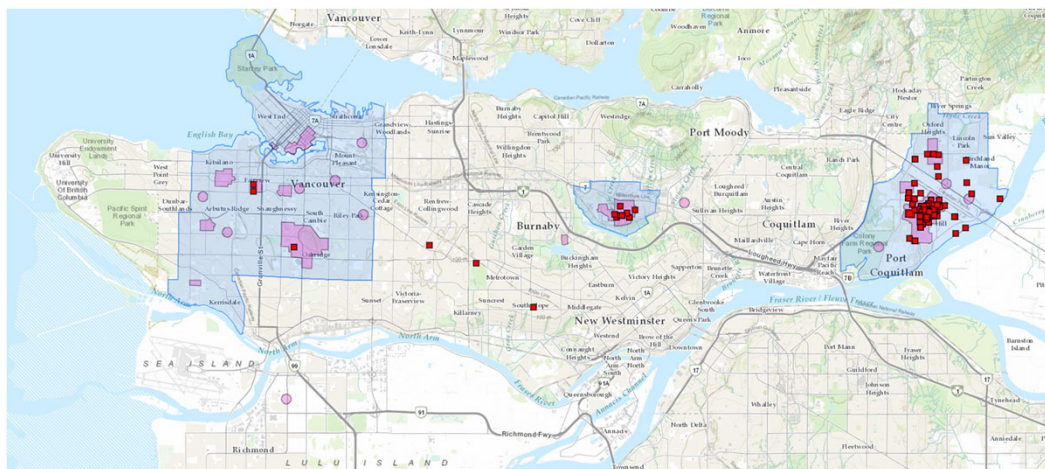


Surveillance Results: 2017-2022

Japanese beetle Surveillance Data 2017-2022



2023 DETECTION SITES, TREATMENT AREAS and REGULATED AREAS



■ Red square

Confirmed JB Detection

■ Blue

2023 Regulated Area

■ Pink

2023 Treatment Area

2023 Surveillance RESULTS

2023 JB Detection Summary as of November 8, 2023

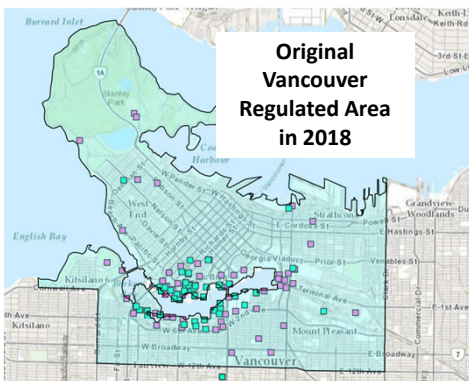
	INSIDE of the VANCOUVER REGULATED AREA		INSIDE of the BURNABY REGULATED AREA		INSIDE of the PORT COQUITLAM REGULATED AREA		OUTSIDE of a Regulated Area		TOTAL # of JB Detected to-date
	Ground Trap	Canopy Trap	Ground Trap	Canopy Trap	Ground Trap	Canopy Trap	Ground Trap	Canopy Trap	
INSIDE of a Treatment Area	2	1	8	19	246	336	0	0	644
OUTSIDE of a Treatment Area	0	0	0	0	20	9	1	2	
Subtotal:	2	1	8	19	266	345	1	2	

of Japanese beetle detected OUTSIDE of a regulated area = 3

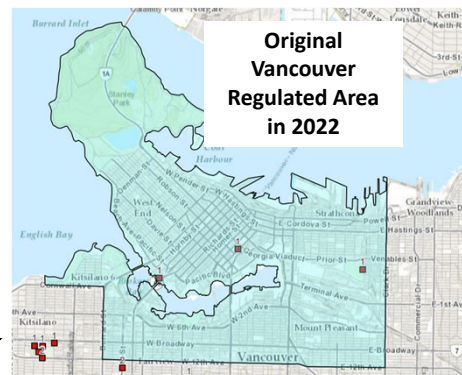
- **Vancouver:** One (1), male
- **Burnaby:** Two (2), both male

Efficacy of a LONG-TERM COMMITMENT to ERADICATION

- **2018 - 8272 Beetles**
- **2019 - 1153 Beetles**



- **2022 - 3 Beetles**
- **2023 - 0 Beetles**



100% reduction in beetles from 2018

Japanese Beetle REGULATED ARTICLES

REGULATED:

- **plants with soil or soil-related matter attached**, year-round.



REGULATED

NOT REGULATED:

- **soil** of any depth
- **plants and above-ground parts that are substantially-free from soil.**



NOT regulated

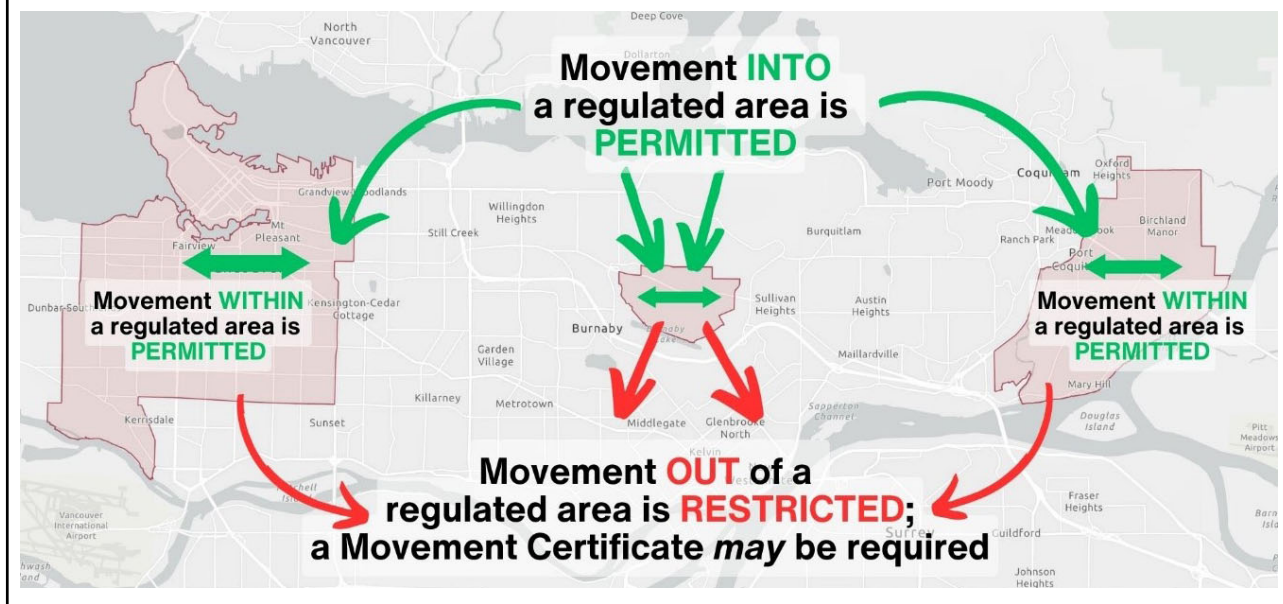
Removing soil, removes the requirement!

Plants with soil or soil-related matter attached that have been **shaken and/or washed to become substantially free from soil**, are **considered de-regulated**.

No movement certificate is required.

Always check for adult beetles on the plants before movement!!!

Movement Restrictions 2023: OVERVIEW



Canadian Food Inspection Agency

General Japanese Beetle

- PH: 604-292-5742
- cfia.wstjb-sj.acia@Canada.ca

Troy Kimoto

- PH: 778-838-3969
- troy.kimoto@inspection.gc.ca

Types of Movement Certificates Issued

- **For disposal at a pre-approved location** – *most common*
- **To retailers located inside of a regulated area** whose customers purchase regulated articles that may be taken outside of a regulated area.

Note: Movement certificates issued on articles that will not be going for disposal **require treatment with Acelepryn**



SOIL FILL DEPOSIT APPLICATION

Lot 39- McNeil Road

Agricultural Advisory Committee Meeting



BACKGROUND

The subject site is bound by McNeil Road to the south and similar adjacent properties to the west, north and east. The site is generally flat, with existing grades near El.1.0 m.



SITE INFORMATION

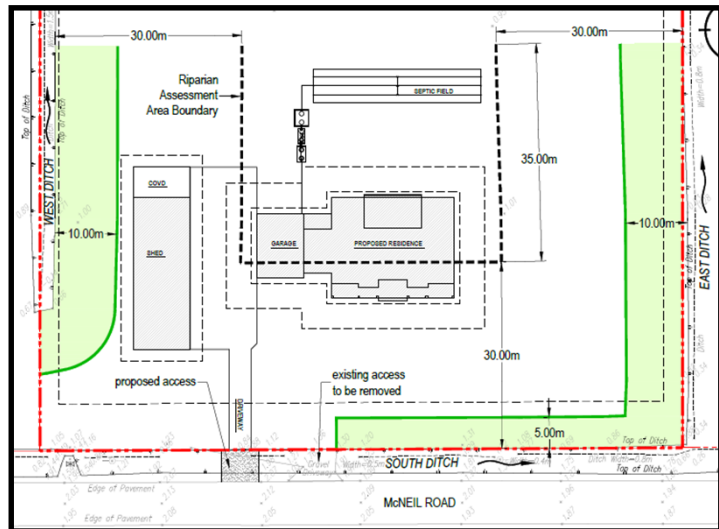


Address	Lot 39 McNeil Road
Floodplain	Yes
ALR	Yes
Zoning	A-1 (General Agricultural)
OCP	Agricultural
Size	39453 m ² (3.9 ha)
Current Land Use	Hay- farm status



SOIL FILL DEPOSIT

The purpose of the proposed fill placement activities is to provide temporary preload fill and permanent imported structural fill for the foundation of the Single Family Dwelling and Farm Structure.

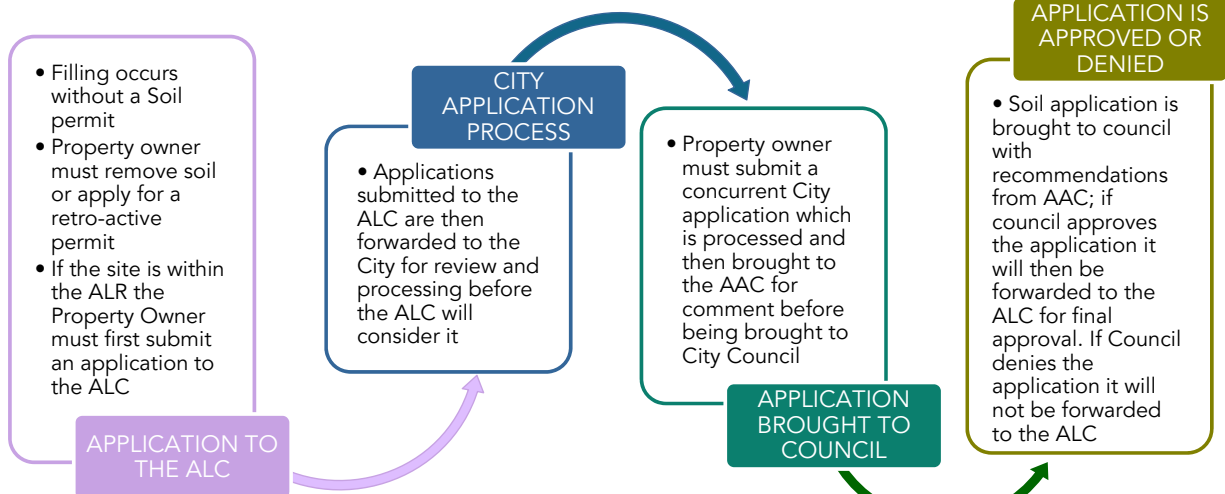


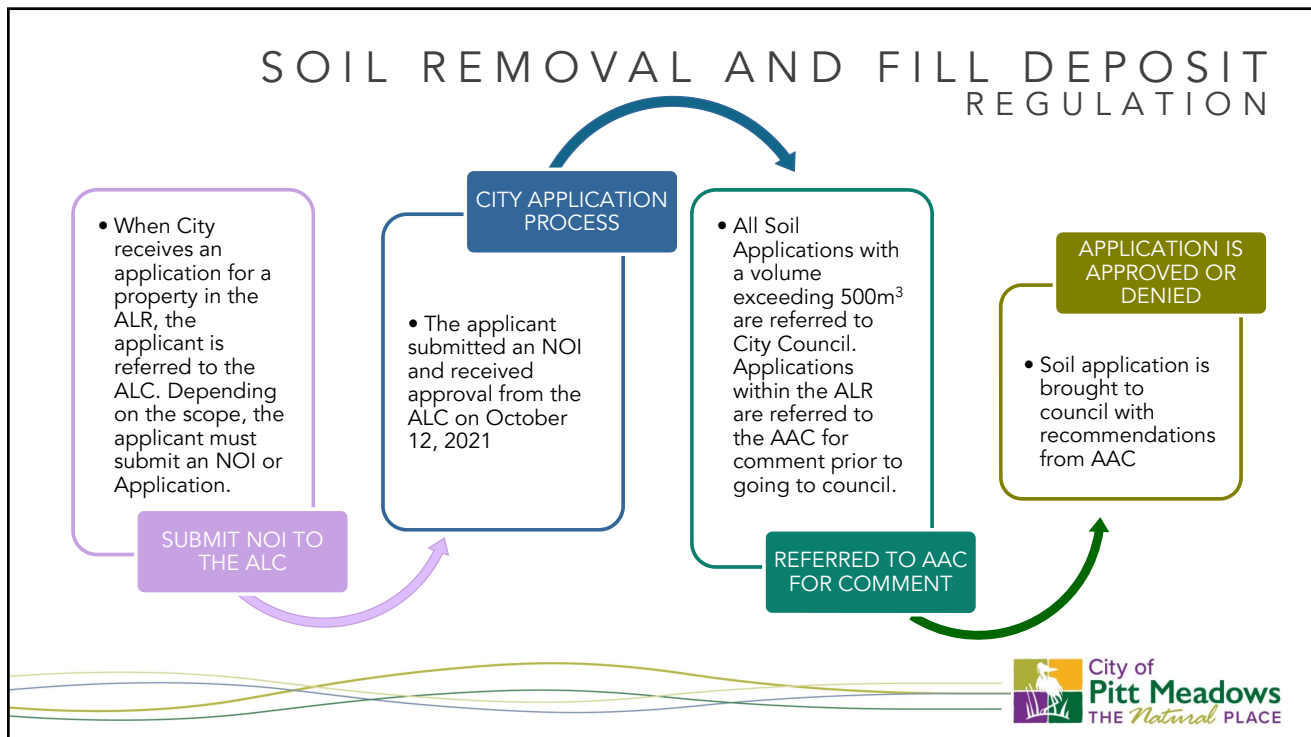
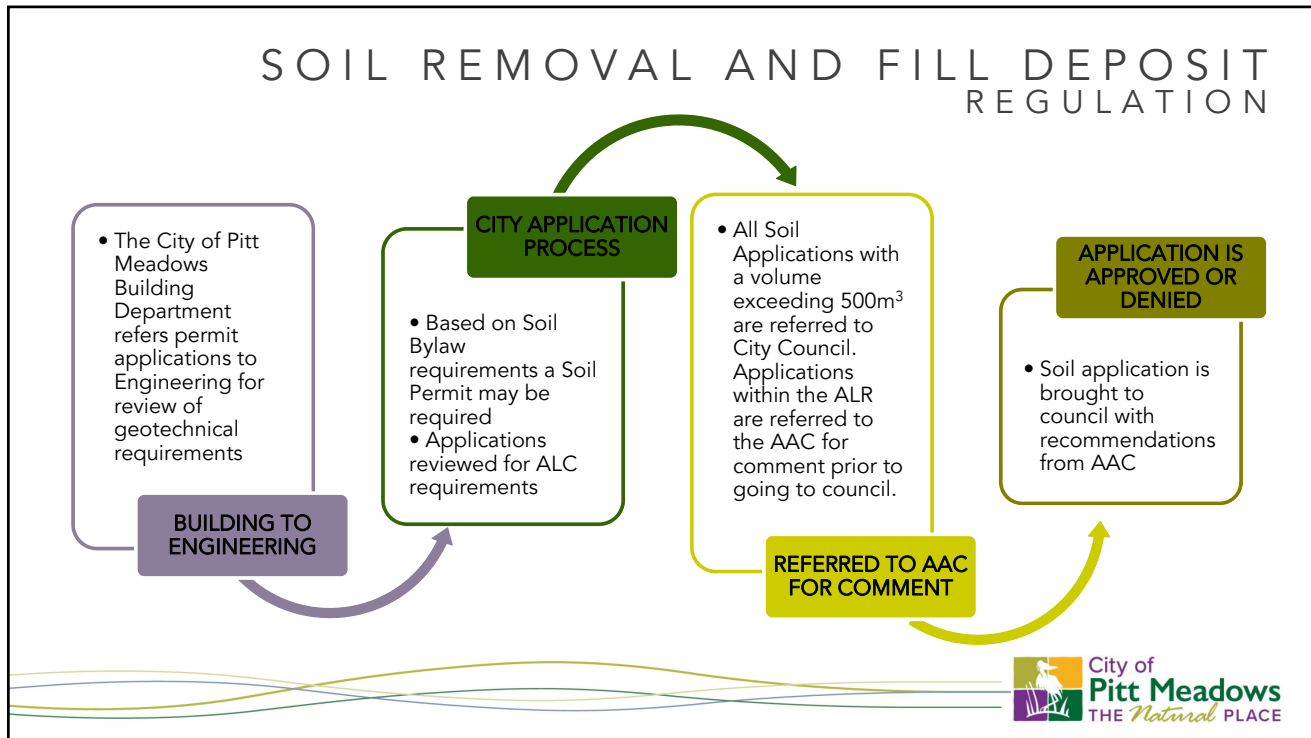
SOIL REMOVAL & FILL DEPOSIT

Structure	House	Farm Structure/Driveway
Fill Volume	Preload Fill: 1070 m ³ Structural Fill: 1070 m ³	Preload Fill: ~220 m ³ Structural Fill: ~220 m ³ Driveway Fill: ~167.5 m ³
Fill Area	713 m ²	Structure: 440 m ² Driveway: 335 m ²
Fill Depth	Preload Fill: ~1.5 m Structural Fill: ~1.5 m	Preload Fill: ~0.5 m Structural Fill: ~0.5 m Driveway Fill: ~0.5 m
Fill type	Non-organic and clean (less than 8% fines passing 0.075 mm sieve by weight) 75 mm minus pit run sand and gravel or other granular material approved by the Geotechnical Engineer.	
Preload Duration	~ 6 months	



SOIL REMOVAL AND FILL DEPOSIT REGULATION





CONCLUSION

Staff is seeking a recommendation from the Agricultural Advisory Committee prior to bringing this fill deposit application to Council for consideration.

RECOMMENDATION(S): THAT the Agricultural Advisory Committee:

- A. Supports the fill deposit application to import structural and preload fill for the construction of a Single Family Dwelling and Farm Structure at Lot 39 of McNeil Road;
OR
- B. Does not support the fill deposit application to import structural and preload fill for the construction of a Single Family Dwelling and Farm Structure at Lot 39 of McNeil Road;
OR
- C. Other.



QUESTIONS

