

Created: Mon 25 Nov. 10:43. 2019
Location: John Muir Elementary School/Smash
Title: Pest Assessment for Termite Activity.
No. Items: 26

Contact: Mario D Bazan
Company: IPM TECH Pest Management
Phone: +19096485479
Email: david@ipmservicesnow.com

IPM assessment By IPM TECH Pest Management

GENERAL INFORMATION

Date of assessment: 11/25/2019

Time of assessment: 10:30 AM

School: **John Muir Elementary school/ Smash**

Address: 2526 6th St. Santa Monica. CA. 90405

Contact Name: Terrance Venable

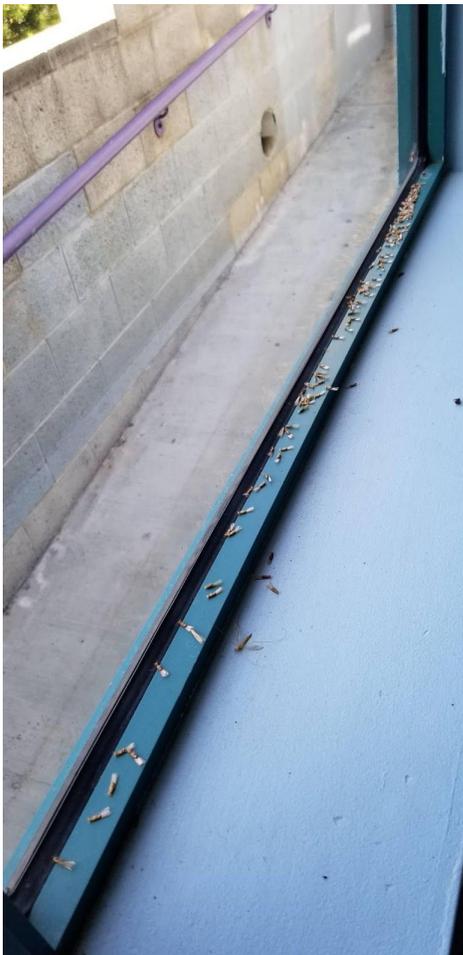
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ASSESSMENT NOTES AND PICTURES

Special Instructions/History of Pest Activity: The purpose of the pest assessment is inspect John Muir Elementary school/ Smash for visual Drywood termite activity that has been observed on different classrooms in 2019.

(1)



MPR ROOM
Swarming termites inside MPR.
Window next to the music room.

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(2)



MPR ROOM

Drywood termites fecal pellets observed inside MPR. Window next to the music room. Fecal pellets are falling down from small kick holes above windows sill.

(3)



MUSIC ROOM

Drywood termites fecal pellets inside music room, window next to Drums . Fecal pellets are falling down from small kick holes above windows sill.

John_PestAsse_191202105000.jpg

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(4)



MUSIC ROOM

Drywood termites fecal pellets inside music room. Window behind piano. Fecal pellets are falling down from small kick holes above windows sill.

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MUSIC ROOM

Photo showing the location of drywood termite fecal pellets inside music room.

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MUSIC ROOM

Location of the windows with drywood termite pellets inside music room.

(7)



OUTSIDE MPR ROOM

Windows with drywood termite fecal pellets outside MPR.

John_PestAsse_191202105610.jpg

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OUTSIDE MPR ROOM

Location of the Drywood termite fecal pellets observed outside MPR room.

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OUTSIDE MPR ROOM

Drywood Kick out holes outside MPR room.

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OUTSIDE MPR ROOM
Drywood termite fecal pellets on
back of MPR.

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OUTSIDE MPR ROOM
Location of the drywood termite
fecal pellets outside, back of MPR
room.

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OUTSIDE MPR ROOM
Drywood termite fecal pellets
under exterior windows outside
MPR.

(13)



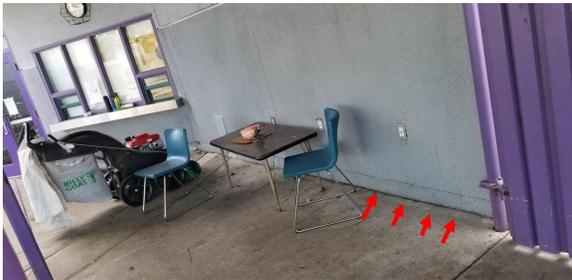
OUTSIDE MPR ROOM
Location of the Drywood termite
fecal pellets, on exterior windows,
outside MPR.

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OUTSIDE KITCHEN
Drywood termite fecal pellets
observed on the left side of the
kitchen.

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OUTSIDE KITCHEN
Location of the Drywood termite
fecal pellets observed on the left
side of the kitchen.

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OUTSIDE CLASSROOM 313 & 314
Drywood termite fecal pellets
observed underneath the water
fountain between rooms 313 and
314.

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OUTSIDE CLASSROOM 615
Drywood termite fecal pellets and
kick holes observed outside wall,
on the corner of room 615.

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INSIDE CLASSROOM 600
Drywood termite fecal pellets and
kick holes observed on base of
windows inside room 600

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INSIDE CLASSROOM 605

Drywood termite fecal pellets
observed on the left on base of
window inside room 605.

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OUTSIDE CLASSROOM 610

Drywood termite fecal pellets and
kick holes observed outside room
610.

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OUTSIDE CLASSROOM 610
Location of drywood termite fecal pellets Outside room 610.

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OUTSIDE CLASSROOM 200
Observed A pile of drywood termite fecal pellets on the floor, outside room 200.

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OUTSIDE CLASSROOM 205
Drywood termite fecal pellets and kick holes observed on the inside room 205, by the window next to the exit room.



OUTSIDE CLASSROOM 520
Drywood termite fecal pellets observed against the wall, outside room 520.

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OUTSIDE BY THE STAIRS

Drywood termite fecal pellets observed on stairs next to mechanical room 416, in front of the small yard.

(26)



OUTSIDE MECHANICAL ROOM 416

Drywood termite fecal pellets observed under the water fountain outside mechanical room 416.

Sanitation recommendations:

- Cleaning and removing old fecal pellets after the treatment is rendered will help tremendously to identify new activity after treatments.

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ASSESSMENT NOTES (DETAIL)

No pest is more complicated to control than termites. The small size, cryptic nature, and tenacious foraging habits of these insects pose a formidable challenge to the pest management professionals. A variety of treatments, both chemicals and non-chemicals are being marketed for control existing drywood termite infestations. The choices fall into 2 categories: Whole structure treatments and localized or spot treatments. Suitability of one approach versus another depend of various factors, including the location and **extent of the infestation**, that in the case of John Muir ES/Smash we observed Drywood Termite evidence (fecal pellets)in multiple locations, and also it is important to mention the preferences of the school district . The most common whole structure are:

Fumigation: When applied correctly, structural fumigants are an effective means of eradicating drywood termites from buildings. A monitored fumigation, which involves installing gas monitoring lines inside the structure undergoing treatment, has the highest rate of treatment success. Non-monitored fumigation may not have enough gas concentration to kill infestations, and failures may occur. The advantage of fumigation over localized treatment is that it should eliminate infestations hidden from view. It will also be necessary for the occupants, pets, and plants to vacate the structure for several days (depending on the volume of structure and amount of gas injected) while it is being fumigated and then aerated. It will also be necessary for the occupants, pets, and plants to vacate the structure for several days (depending on the volume of structure and amount of gas injected) while it is being fumigated and then aerated. Chemicals used in fumigation are lethal, Absolutely no one can enter a structure until it has been certified safe for reentry by the licensee in charge of the fumigation. Fumigation has been the treatment of choice *when infestations are widespread or extended into inaccessible areas.*

Heat Treatment: Heat is a non chemical option for whole-structure treatment. The treatment process involves heating all wood in the structure to a minimum of 120°F and holding this temperature for at least 33 minutes. The benefit of heat treatment is the ability to treat the entire structure without using chemicals and the relatively short period of time the structure must be vacated. An additional advantage is that portions of large structures can be treated separately, which is very useful in apartments and condominiums. The major drawbacks of heat treatments include the difficulty in raising the *internal core temperature* of large infested structural beams (could take many hours or days depending on wood volume treated) and the potential for heat sinks, areas within the structure that are difficult to heat such as wood on concrete or tile. New heat emitters have been developed, but the ability of these heating devices to rid all infestations from large structures with many layers of wall coverings still remains unclear. Other issues to consider include damage to heat-sensitive items in homes,

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including plastics (e.g. electrical outlet covers) and cable wiring. Also, like fumigants, heat treatments have no residual effect. For long-term protection, preventive chemicals can be applied to areas treated with heat.

Inspectors:

- Edward Courtney OPR 11197
- Mario Bazan. BCE

Confidentiality: Client understands and agrees that the assessment performed and the report prepared is for the sole, confidential and exclusive use and benefit of the Client. If Client, or agents or employees of client, directly or indirectly allow or cause any portion of the report to be disclosed or distributed to any third party, Client hereby agrees to indemnify, defend and hold the specialist free and harmless for any claims or actions brought by any third party as a result of the disclosure of any portion of the Report. The Specialist agrees to preserve the confidentiality of the report and will not reveal the content of the Report or the identity of Client to any third party without the specific written consent of Client.