

Common Scents Solutions.

Canine Bed Bug Detection

NEWS

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CONTACT
Michael Goldman
(905) 761-9388 1-877-507-0642
service@puritypestcontrol.com

PURITY WELCOMES ALEXA, IT'S 2ND K-9 EMPLOYEE

PURITY PEST CONTROL & COMMON SCENTS SOLUTIONS ARE PLEASED TO ANNOUNCE THAT DUE TO THE STEADY RISE IN BED BUG ACTIVITY IN NORTH AMERICA AND THE INCREASE IN THE NUMBER OF REQUESTS FOR K-9 INSPECTIONS, A SECOND CANINE HAS BEEN EMPLOYED

Hotels, Motels, Hospitals, Long Term Health Care Facilities, Hostels and Homeowners can now benefit from the extremely accurate detection of bed bugs that only a dog can offer.

“By contracting the services of Purity’s K-9 Bed Bug detection team, institutions can accurately locate and treat all infested areas and can say that they have done their Due Diligence”

TORONTO - Vaughan based Purity Pest Control Limited today introduced it’s newest 4 legged employee, “Inspector Alexa”, a pure bred Golden Retriever acquired from ***Elite Detection Dogs*** (www.elitedetectiondogs.com) out of Alliston, Ontario. Not only is she Canada’s second highly trained bed bug detecting dog, but Purity Pest Control now employs the only two bed bug dogs in Canada. Alexa displayed her talents recently at the Toronto Real Estate Board annual convention where she pointed to areas where bed bugs had been hidden earlier.

“The response we have received has been overwhelming and we must look to the future if we are to keep up with the demand for k-9 bed bug inspections said Michael Goldman, President of Purity Pest Control Ltd. and Common Scents Solutions, who now owns Alexa as well as Kody, the first bed bug detection dog ever trained for real life inspections. “If something ever happened to Kody like an injury, our K-9 detection business would be over. That’s why we contracted Elite Detection Dogs to train a dog specifically for bed bug detection.”

More accurate detection means that if there is Bed Bug activity, Alexa or Kody will alert us to it and control measures can begin. In the case of hotels, if a law suit is initiated by someone allegedly bitten in one of their rooms, management can say that they have gone the extra mile by bringing in a K-9 unit and have done their due diligence to ensure their guests are in a pest free environment. The last thing hotels need is bad publicity”

In Canada, dogs have been successfully used by the military and law enforcement agencies to locate firearms, ammunition, explosives, narcotics, missing persons and accelerants used in suspected arson cases. The same training used for these purposes is now being used to train dogs to search for bed bugs and termites. Alexa and Kody can smell through walls, floors and even underground - long before humans can see any visible signs. Early detection can save not only human discomfort from bites but can also avert potential law suits.

How Do “Inspector’s Kody and Alexa” Do Their Work?

A dog must be correctly trained, led and interpreted. Once the dog has familiarized itself with the structure, the professionally trained handler guides the dog with special instructions on where to search. The handler observes and interprets his dogs behaviour. Once the target insect is located, the dog performs what’s called a “passive alert”, where he will sit and point to the infested area.

Who are the main players?

The Common Scents Inspection Team consists of 3 key players:

- **“Inspector Alexa”.** Alexa is a pure bred Golden Retriever from Maplelane Goldens. She has been specifically trained to detect bed bugs from a variety of locations and situations. Alexa has proven that she is ready for real world situation inspections. Alexa will be re-certified annually by Elite Detection Dogs.
- **Michael Goldman.** Michael owns Purity Pest Control Limited, a local GTA-based pest management company that now performs K-9 inspections for bed bugs as well as termites. He is a certified trainer and handler. Together, Alexa and handler are internationally recognized.
- **Elite Detection Dogs.** “Inspector Alexa” was trained by Elite Detection Dogs. Elite’s team specifically breeds and trains dogs for scent detection.

Science Behind The Nose...

Amazingly Sensitive!

According to a report prepared by the Institute for Biological Detection Systems (IBDS) of Auburn University (Auburn, AL), dogs have the following capabilities:

- **Sensitivity:** Documented limits of olfactory detection for the dog range from tens of parts per billion to 500 parts per trillion.
- **Discrimination:** Dogs are extremely good at discriminating a target vapour from non-target vapours that are also present, even at relatively high concentrations of non-target odours.
- **Odour Signatures:** When being trained to detect a substance, dogs learn to alert to one or two of its most abundant vapour compounds.
- **Multiple Odour Discriminations:** Dogs can easily learn as many as ten odour discriminations.