

# Common *Scents* Solutions

## Canine Bed Bug Detection

### NEWS

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CONTACT  
Michael Goldman  
(905) 761-9388 1-877-507-0642  
Purity@bellnet.ca

### ***PURITY WELCOMES “RADAR”, It’s 4th K-9 BED BUG DETECTION DOG***

**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 FORTH CANINE HAS BEEN PURCHASED AND WILL BE TRAINED FOR BED BUG DETECTION.**

*Hotels, Motels, Hospitals, Dormitories, 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 and Common *Scents* Solutions today introduced it’s newest 4 legged employee, “RADAR ”, a pure breed Australian Shepherd from Stoverly Aussies out of Midland, Ontario. [www.stoverlyaussies.com](http://www.stoverlyaussies.com). RADAR is 8 weeks old.

“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” says Michael Goldman, President of Purity Pest Control Ltd. and Common *Scents* Solutions, who now owns Kody, Alexa and Heidi, all of which are certified bed bug detection dogs. “ I am a “the glass is half empty kind of guy and while some may say that Kody is only 7 years old, I say he is already 7. I need to start thinking about eventually replacing Kody and those will be pretty big paws to fill. The reason we chose an Aussie is because of it’s intelligence, hard work ethic and great reputation. The reason we chose Stoverly Aussies is their great track record for producing champion working and show Aussies. The bed bug problem in North America is going to get a lot worse before it gets better. By this time next year we will have another well trained certified dog that will specialize in bed bug scent detection. Radar’s obedience training has already begun and by 6 months he should be able to find bed bugs. At that point he will begin going out on jobs with Kody, watching and learning.”

More accurate detection means that if there is Bed Bug activity, Heidi, 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

### **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:

- **“Inspector Heidi”.** Heidi is a mix lab dog trained and certified by Bill Whitstine of the Florida Canine Academy. She has been specifically trained to detect bed bugs from a variety of locations and situations. Heidi has proven herself in hotels, apartment buildings, long term health care facilities and private residences. Heidi and Wendy will be re-certified annually by the Florida Canine Academy.
- **Wendy Maeots.** Wendy is a dog trainer by profession and has been certified as Heidi’s handler to detect bed bugs. Together, Wendy and Heidi are an internationally recognized K-9 and handler team.
- **Michael Goldman.** Michael owns Purity Pest Control Limited, a local GTA-based pest management company that now has 3 K-9 detection teams inspecting for bed bugs as well as termites. He is a certified trainer and handler.
- **Purity Pest Control Limited & Common Scents Solutions.** Purity was the first company in North America to employ a certified K-9 bed bug detection team. Purity recently celebrated it’s 28th anniversary in the pest management industry.
- **Stoverly Aussies.** Owned by Sue and Roy Stover, has been producing champion Aussies for many years. [www.stoverlyaussies.com](http://www.stoverlyaussies.com)

## **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.