



PestWest
RECYCLES



DEAR COMMUNITY RECYCLING COORDINATOR,

DID YOU KNOW A SINGLE FLUORESCENT LAMP HAS THE POTENTIAL TO CONTAMINATE A 20-ACRE LAKE WITH ITS MERCURY CONTENT? A LAKE THAT COULD BE HOME TO FISH AND OTHER WILDLIFE AND WHICH MAY PROVIDE THE MAIN WATER SUPPLY FOR HUNDREDS OR EVEN THOUSANDS OF PEOPLE IN A LOCAL COMMUNITY.

NOW YOU CAN SAFELY AND EFFICIENTLY PREVENT THE HIGHLY TOXIC MERCURY FROM ENTERING YOUR TOWNS' AIR AND WATER WITH THE VAPOR VACUUM LAMP COMPACTOR



Show commitment and foresight to your community by providing one central location for proper lamp destruction and safe mercury vapor containment

Dear Community Recycling Coordinator

Are you responsible for coordinating Household Hazardous Waste?

Do you know that you can safely, efficiently and economically prevent the highly toxic mercury in spent fluorescent lamps and tubes from posing an unnecessary health and safety risk to workers and contaminating your community's environment?

Fluorescent lamps provide a highly energy efficient and safe form of lighting used by millions of households, schools and commercial buildings throughout the USA every day. They are also extensively used by the sign industry to provide a wide range of promotional displays.

Many people thoughtlessly throw these used items in the dumpster or take them to landfill contributing to the problem of air and groundwater mercury pollution. When the lamps break, this mercury can contaminate workers, other stored used lamps, the community and the environment.

The effects of mercury poisoning usually surface later, years after exposure. It is a heavy metal that the body cannot purge and collects in the liver, the brain and other vital organs.

Introduce a Community Recycling Program

A single fluorescent lamp has the potential to contaminate a 20-acre lake with its mercury content - a lake that could be home to fish and other wildlife and which may provide the main water supply for hundreds or even thousands of people in a local community.

Last year, the town of Carefree, Arizona under the direction of Councilman Bob Coady, demonstrated its commitment to local residents and the environment by installing the portable **PestWest® Vapor Vacuum Lamp Compactor** as part of its Community Recycling Program. Recognizing the danger of spent fluorescent lamps being discarded into the regular curbside garbage, the councilman placed a lamp compactor at the local firehouse in nearby Cave Creek.

Citizens of Carefree can now drop off their spent lamps and bulbs to a central location for proper recycling and safe mercury vapor containment. "We have already prevented millions of gallons of ground water from being polluted by incorporating the use of this machine into our Community Recycling Program", said Councilman Coady. To date over 1,500 lamps and bulbs have been recycled through this program. These are from homeowners and small businesses who may have one or two lamps to discard each month – lamps that that would normally have gone into the trash and eventually landfill.





Councilman Bob Coady,
Carefree Arizona

The environmental mercury levels around a working unit are less than the environment around the stored used lamps. Showing that it is safer to use the unit on a regular basis, containing the mercury, than it is to store spent lamps and send for disposal through an external recycler.

The **PestWest® Vapor Vacuum Lamp Compactor** installed at Carefree provides a safe, efficient and economical solution for any community recycling or hazardous waste program. Regular use of the unit eliminates the need for bulky storage and potential breakages which can pose a considerable risk.

A safer alternative

It has been proven, the environmental mercury levels around a working **Vapor Vacuum Lamp Compactor** are less than the mercury levels around stored used lamps. Typically, breakage occurs in these lamp storage areas and contaminates all of the lamps, that are being held for pick up by a recycling company. It is much safer to use the unit on a regular basis to compact spent lamps, thus providing a safer work environment and an economical way to reduce the volume of the used lamps by filling a drum in most cases with over 1000 bulbs. Disposal costs are now reduced to a fraction of what they were.

A single unit can compact up to 4000 lamps depending on the size and shape. In doing so, not only are the compacted lamps rendered safe from accidental breakage but the toxic mercury vapor is removed and captured in a special filter designed to handle mercury.

Broken used lamps can contaminate other lamps that have been stored waiting to be sent for disposal or to a recycling facility.

Your community could join Carefree, Arizona in benefiting from this recycling technology. Responsible citizens are searching for ways to help protect their environment any way they can, and now you can help them do just that. The **Vapor Vacuum Lamp Compactor** is affordable, safe, effective, and a great tool in good environmental stewardship.

For more information on how the **PestWest® Vapor Vacuum Lamp Compactor** can protect your community and facility from the dangers of mercury, please call **866.476.7378** or go to www.lampcompactor.com





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Lamps and bulbs can vary in types and size but the components are essentially the same. Fluorescent lamps contain mercury.



Toll free: 1.866.476.7378
Email: lampcompactor@pestwest.com
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*Complies with all OSHA, ACGIH, NIOSH
and European Clean-Air Standards*

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