

# Recycling and retort solutions for mercury containing wastes



## **Background**

Mercury has traditionally been used in medical apparatus, electrical devices, precision instruments and in conjunction with other elements to form compounds for industrial applications. Despite its widespread use, mercury is a highly toxic material that needs to be disposed of properly once it is removed from use.

## **Why recycle**

Mercury containing wastes are regulated by the Federal Resource Conservation and Recovery Act (RCRA), which states that hazardous waste must be properly identified, stored, transported, treated and disposed of and that generators are financially responsible for cleaning up the effects of improper disposal.

The hazardous waste regulations adopted under RCRA further state that wastes containing high concentrations of mercury must be recycled to recover the mercury.

The Universal Waste Rule was adopted to promote and simplify the proper management and recycling of certain mercury containing devices.

## **The Veolia solution**

Veolia has advanced distillation and retort technologies that use mechanical and thermal processes to extract the highest possible levels of mercury from a variety of items.

## **Customized service**

We can tailor a recycling program to fit your needs depending upon the amount of materials you need to recycle. We recycle the following items:

- Fluorescent and HID lamps
- Electrical devices
- Precision instruments
- Medical apparatus
- Mercury compounds
- Dental amalgam
- Debris and contaminated soil
- Automotive switches
- Thermostats
- Pilot light sensors
- Light switches



***In-house processing***

Veolia owns and operates retort ovens and distillation equipment capable of reclaiming mercury. We don't just process the materials and then outsource mercury reclamation, we recover and work to prepare the mercury for resale. Our equipment is capable of handling a variety of items and we reclaim over 99% of mercury from mercury-containing wastes. With Veolia, you can trust that we have the capacity to meet your mercury recycling needs.

***Working safe***

Our trained technicians adhere to the latest regulations and practices to ensure strict measures of compliance are followed. We self audit on a regular basis and have established goals of obtaining OSHA VPP or ISO certification.

***Packaging & transportation***

We'll assist you with proper profiling, containers, and labeling in order to transport and dispose of any items containing mercury safely and legally to one of our four fully-permitted recycling facilities. We determine the best container size and composition for your needs and coordinate convenient pick-up intervals.

***On-time pick up***

When we promise a pick up, we adhere to that promise. Once arrangements are made, you can count on us to be there on time.

***Call today!***

***Call 800-556-5267***

***or visit [www.prepaidrecycling.com](http://www.prepaidrecycling.com)***

***Why Veolia?***

***Environmental compliance***

We maintain an excellent record of compliance with regulations governing health and safety and the environment. We follow procedures meticulously with our on-site teams, and continue to focus on the details throughout transportation, treatment and disposal.

***Financial strength***

Veolia is the international leader in providing environmental services for waste, water, and energy. With over \$25 billion in revenue, it is the largest environmental services company in the world.

***Technical expertise***

Our account, project and technical representatives understand hazardous and nonhazardous waste and the related regulatory requirements. Over 2,500 Veolia employees are ready to assist you in any way - from providing information about government regulations and answering technical questions regarding treatment alternatives, to training your employees and setting up disposal programs that save you time and money.



***About us***

From onsite pick-up to final treatment or disposal, Veolia North America's Environmental Solutions and Services group assures safety, environmental responsibility and regulatory compliance by channeling hazardous waste through our network of over 400 company-owned or certified service centers nationwide. These service centers include treatment, recovery and disposal facilities, sales offices and transportation locations.

***Key facts***

- 2,500 employees
- 400+ company owned or certified service centers
- 39 10-day in-transit facilities
- 14 permitted TSDFs
- 13 OSHA VPP and/or ISO certified facilities

***Waste managed***

- Lamps and ballast
- Batteries
- E-waste
- Mercury waste
- PCB & non-PCB electrical equipment
- Specialty medical devices and diagnostic equipment
- Medical waste sharps
- Tritium exit signs
- Aerosol cans
- Smoke detectors
- Pharmaceutical waste
- Damaged, defective or recalled lithium batteries
- Pharmaceutical waste

