



## Chemical Waste Management Lake Charles



Chemical Waste Management, Inc. (CWM) Lake Charles provides industries, businesses, and the public with professional, safe, and efficient industrial and hazardous waste services.

In operation since 1978, this award-winning, environmentally safe hazardous waste facility boasts a stellar safety record and an excellent technical service team. CWM Lake Charles adheres to strict regulations administered and overseen by the Environmental Protection Agency (EPA) Region VI and the Louisiana Department of Environmental Quality (LADEQ).

The CWM Lake Charles Facility is one of the most secure treatment and disposal facilities in the U.S. This facility is constructed inside the perimeter of a 40' deep bentonite clay slurry wall. Disposal cells, constructed under very strict EPA and state guidelines, utilize double layers of 60 mil High Density Poly Ethylene (HDPE). Additional security measures include a sophisticated leachate collection system, monitoring wells, as well as a complex leak detection system.

Located in Sulphur, Louisiana, CWM Lake Charles offers convenient access just minutes south of I-10. CWM Lake Charles provides environmental and hazardous waste services for business and industries in the Gulf Coast, Texas, Arkansas, Mississippi and surrounding areas.

#### TREATMENT AND SERVICE OPTIONS

- Asbestos disposal
- Biotreatment
- Drum collection, treatment and transshipment
- Fuels blending - transshipment
- Hazardous waste transportation
- Macroencapsulation
- Microencapsulation
- Non-hazardous disposal
- RCRA hazardous and non-hazardous landfill disposal
- Stabilization
- Solidification
- Storage and transfer for recycling and thermal treatment





## Waste Management's Industrial and Hazardous Waste Services include:

### Stabilization

Hazardous waste requiring stabilization is treated using cement and/or cement byproducts, along with other reagents to reduce potential hazardous metals leachability. Process recipes are developed for each waste stream and post treatment analysis (TCLP) is performed to confirm that the recipe will treat the waste stream to levels below Land Disposal Restriction (LDR) standards. The stabilization operation is housed in a secondary containment building comprised of two 90 cubic yard vats. Each vat has a dust collection system, which minimizes hazardous air pollutants from exiting the process.

### Macroencapsulation

Macroencapsulation may entail placing hazardous debris into a WM-patented, one-piece macroencapsulation unit made from high-strength HDPE, specially designed as a hazardous waste debris management container to reduce or eliminate leachability of the waste. Trained personnel fill any remaining void space with an inert material and then seal the container. The secure container is then transferred to an appropriate cell within the footprint of the RCRA Subtitle C landfill for permanent disposal. Other macro technologies are also available. Macroencapsulation is appropriate for hazardous debris that fits in a 20-cubic-yard roll-off box. Common examples include concrete, piping, filters, rags, hoses, crushed containers, wood and personal protection equipment (PPE).

### Microencapsulation

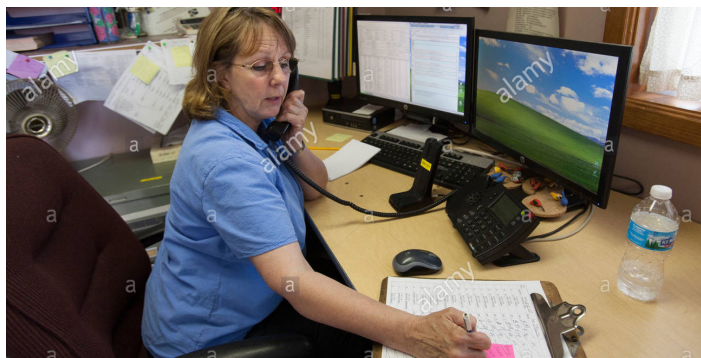
Microencapsulation involves coating inorganic hazardous debris with a custom-tailored mixture of proprietary reagents that reduce the leachability of hazardous constituents from the debris. It is the preferred treatment method for debris that can be fully coated on all surfaces – both exterior and interior. Common examples include refractory brick, rocks and concrete.

### Bioremediation

Bioremediation is the treatment of organic chemicals using microorganisms (bacteria, fungi and yeast) to break these chemicals down into less toxic or non-toxic materials. CWM Lake Charles bioremediation services include treatment on the bioremediation pad or Bio-in-a-Box<sup>SM</sup>. Acceptable materials include soil, catalyst, molecular sieve, silica and refinery wastes.

### PCB Disposal

Polychlorinated biphenyls (PCBs) are chemical compounds once widely used in a variety of manufactured products including paints, adhesives, machinery lubricants and heat transfer fluids. CWM Lake Charles offers storage and transshipment of PCB drums.



## Drum Management Services

CWM Lake Charles offers safe, reliable and cost-effective drum management services for LTL (Less-Than-Truckload) and full truckload quantities. Whether special, industrial or hazardous waste, we will arrange for the proper treatment and/or disposal of drums and their contents while maintaining compliance with all local, state and federal regulations. CWM Lake Charles serves as a regional disposal and transfer facility managing liquid and solids drums. Once received, drums are then tested (in accordance with the Waste Analysis Plan). They are then consolidated, treated and/or disposed, or transshipped for further processing using other treatment technologies.

## Transportation Specialists

Whatever the quantity or the size of your shipment, our transportation specialists are on hand and ready to assist you with the secure transport of your RCRA, TSCA or non-hazardous waste shipments. The real value of our transportation capabilities lies with the regulatory knowledge and experience of our personnel. For the past thirty years, we have moved all types of sensitive cargo whether it's a single drum of corrosive materials, bulk loads from a remediation project or loading and unloading of varied regulated materials. CWM Lake Charles' standard of care includes providing pre-populated manifests and/or drum labels. We will work around your schedule to coordinate and implement an economical solution to your transportation challenges.

## Customer Service

Excellence in customer service is defined by our ability to find the best solution even if the solution is not immediately available. We're there to help you find the answers.

- Is it more cost effective to ship your material by drum or bulk?
- How do the treatment codes apply to this waste type?
- Can you get your material approved and processed for shipment this week?
- Could the Land Disposal Restrictions (LDR) apply to this waste stream?

If you have questions or challenges, we're here to help you find the solutions so that you can focus on your facility, your manufacturing activities or your remediation and land redevelopment projects. Our experienced Technical Service Representatives and Waste Approval teams are up to the challenge.



## Commonly Accepted Waste

- Asbestos
- Auto shredder residue
- Contaminated soils – RCRA and non-hazardous
- CERCLA waste
- Contaminated debris and equipment
- Debris for treatment or disposal (including empty tanks and vessels)
- Drummed wastes (liquid and solids)
- Exploration & Production (E&P) Wastes
- Industrial & Special Waste
- Lab packs
- NORM waste\*
- Off-spec or out-of-date chemicals
- Palletized waste
- PCBs including capacitors and transformer
- Plating wastes
- Refinery wastes

\*Approvals are required for all waste types. Waste is accepted on a case-by-case basis.

### YEAR OPENED

1978

### PROJECTED LIFE REMAINING

25 years

### FACILITY ACREAGE

270 acres

### PERMITTED FOOTPRINT

136 acres

### REMAINING PERMITTED CAPACITY

4.5 million yd<sup>3</sup> in Cell 8

### OWNERSHIP

Chemical Waste Management, Inc.

### PERMIT TYPE & PERMIT #

RCRA EPA ID Permit LAD000777201

### REGULATORY AGENCIES

EPA Region VI and the Louisiana  
Department of Environmental Quality  
(LADEQ)

### # OF EMPLOYEES

114



#### **CONTACT CWM LAKE CHARLES**

##### **Technical Support**

Technical Service Center Louisiana

800 963 4776

TSCAlabama@WM.com

##### **ADDRESS**

7170 John Brannon Rd.

Sulphur, LA 70665

##### **COMMUNITY RELATIONS**

##### **Rene Fauchoux**

985 639 7114

rfaucheu@wm.com

##### **HOURS OF OPERATION**

8:00am–3:30pm CST

Monday–Friday

Closed Saturday and Sunday

Hours can be modified for special projects/events

## **Questions about industrial and hazardous waste services?**

### **Contact a Waste Management representative:**



Call 800 963 4776



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Send an email to [TSCAlabama@WM.com](mailto:TSCAlabama@WM.com)

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