



**THE AMLON GROUP**

**WORKING TODAY  
FOR TOMORROW'S  
ENVIRONMENT**



Amlon Baytown



## Redefining Sustainability in Waste Materials Management

We are an environmental solutions company, serving diverse sectors including oil and gas, manufacturing, healthcare, government, and law enforcement. Our comprehensive approach revolves around:

- **Waste to Value:** Converting waste into usable resources
- **Waste Diversion:** Redirecting waste from landfills to more sustainable options
- **Waste Minimization:** Reducing waste generation at the source
- **Total Waste Management:** Offering end-to-end waste handling solutions

The Amlon Group is a USA leader in industrial waste and materials management, turning environmental challenges into sustainable opportunities. We deliver tailored solutions and strive to help our clients achieve their sustainability goals while contributing to a cleaner, safer world.

THE  
AMLON  
GROUP

# WHO WE ARE: THE AMLON GROUP

THE AMLON GROUP



Longview, TX



Longview, TX



Baytown, TX



Golden Triangle, TX



Port Allen, LA



Sweetwater, TN



ONE COMPANY | ONE VISION | ONE TEAM | ONE GOAL

# AMLON FACILITIES



**Core Concept**

**Amlon's Advantage**

	Longview, TX (Processing Plant)	Longview, TX (10 Day Storage)	Baytown, TX	Golden Triangle, TX	Port Allen, LA	Sweetwater, TN
<b>Core Concept</b>	RCRA Part B Treatment, Storage, and Disposal Facility (TSDF), specializes in recycling services for businesses generating liquid waste and metal-containing industrial solid waste, including hazardous materials	Hazardous Waste Management: Safe handling and processing of hazardous materials	Patented pyrolysis technology for the sustainable thermal destruction of non-hazardous waste across diverse industries	Comprehensive recycling of wastewater and industrial waste streams through our Centralized Waste Treatment (CWT) plant and Treatment, Storage, and Disposal Facility (TSDF) with the capacity to process up to 100,000 gallons of industrial wastewater daily	Specialization in reclaiming oil from oil-bearing hazardous secondary materials and catalyst recycling, helping refineries enhance sustainability and minimize landfill waste. Acceptance of VRE/TBE materials	Specialization in processing, reclamation, and management of precious metals found in the manufacturing of chemicals, pharmaceuticals, oil and gas, electronics, agrochemicals, power generation, aviation, downstream energy, and other industries
<b>Amlon's Advantage</b>	Utilization of both waste streams and purchased materials as feedstock, deploying various processes to reclaim resources and transform them into reusable products	Expert handling from weigh in to weigh out. Lab teams on site for assessment of material composition	Advanced processes uses indirect heating to destroy materials, generating a fraction of the emissions and waste compared to traditional methods	Specialization in processing corrosive waste (D002), benzene contaminated water (D018), and providing full-service industrial equipment cleaning	Strategically designed to accommodate the high-volume demands of large turnaround projects, it features ample liquid and solid storage capacity and dedicated space for finished products	As a strategically positioned processing facility, Amlon Sweetwater offers comprehensive solutions for businesses that generate precious metal-containing industrial materials





# AMLON'S THERMAL DESORPTION EXPERTISE

## Port Allen, LA

One of the largest indirect thermal desorption and separation plants in the USA, specializing in reclaiming oil from oil-bearing hazardous secondary materials and catalyst recycling.

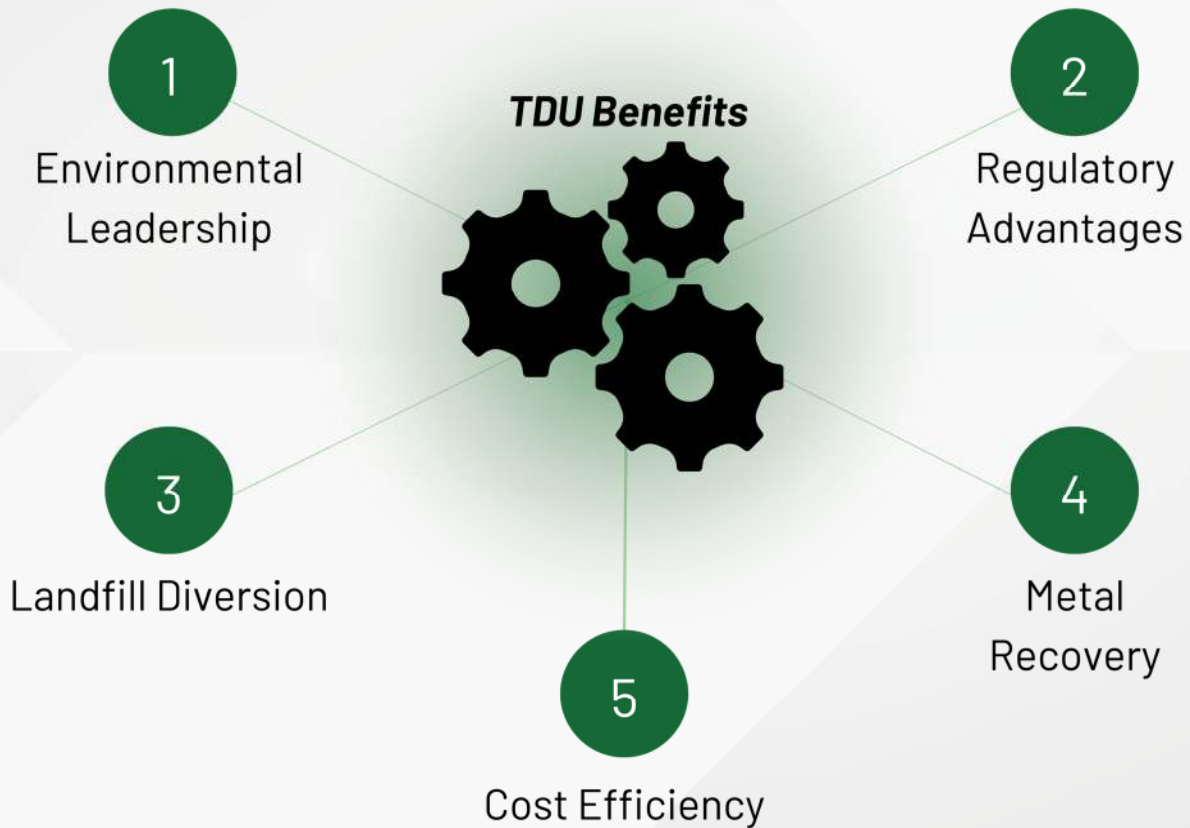
Port Allen accepts VRE/TBE (Verified Recycling Exclusion/Transfer-Based Exclusion) materials.

## Longview, TX

As an RCRA Part B Treatment, Storage, and Disposal Facility (TSDF), we specialize in recycling services for businesses generating liquid waste and metal-containing industrial solid waste, including hazardous materials.



# AMLON'S THERMAL DESORPTION EXPERTISE



# TDU Process Overview

## THE AMLON GROUP

### TDU PROCESS OVERVIEW

#### INBOUND

Material is shipped from the generator and received at the facility.



#### RECEIPT

Material arrives to the facility and is logged into the internal system as received.



#### FINGERPRINT

A fingerprint sample is taken to authenticate that the material matches expectations and to ensure it can be processed through the Thermal Desorption Unit (TDU).



#### PROCESS

Material is processed through the Thermal Desorption Unit (TDU).



#### SAMPLE

A portion of the processed material is either sampled in the on-site lab or sent for third party confirmation to confirm the final metal content.



#### OUTBOUND

After the material is sampled, processed, and approved it is shipped to the end user.



## SUSTAINABILITY - TDU RECOVERABLE METALS\*

## Sustainability Through Catalyst Recycling

**Challenge:**

Sustainable solutions for spent catalyst

**Solution:**

The Amlon Group's catalyst recycling program

**Technologies:**

Thermal Desorption Units (TDUs) recover valuable metals from spent catalysts for reuse in various industries

**Benefits:**

Environmental: Reduce mining of virgin metals, lower carbon footprint

Economic: Reduce handling expenses, create value from reclaimed metals

**Regulatory:** Align with EPA's HSM exclusions, potentially reduce reportable hazardous waste

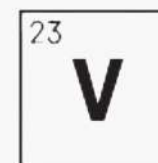
**Impact:**

Maximize value of spent catalysts through efficient unloading

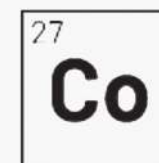
Recovery of base metals

**Result:**

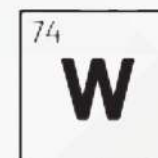
Greener industry practices, enhanced sustainability goals, improved operational efficiency



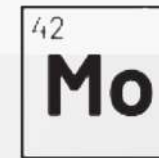
Vanadium



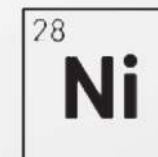
Cobalt



Tungsten



Molybdenum



Nickel



\*INCLUDING, BUT NOT LIMITED TO

# AMLON'S REGULATORY COMPLIANCE

## Port Allen, LA

- Can only take material on BOL or Non-Haz Manifest
- Material must be under one of the following exemptions
  - Verified Recycler Exemption
  - Hazardous Secondary Material
- Ability to take catalyst in any legal DOT containers

## Longview, TX

- RCRA Part B - TSDF
- Can receive catalyst K listed waste codes 171 & 172
- Can receive catalyst material on a Manifest or Bill of Lading
- 10-day facility for manifested waste storage at Simms
- Ability to take catalyst in any legal DOT containers






# WASTE MINIMIZATION & RECYCLING/CIRCULAR ECONOMY

## Waste Minimization & Recycling

- Catalyst Metals Reclamation is the epitome of Waste Minimization and Recycling
- Reclaiming the metal from catalyst, keeps the metals in the economy rather than it being burned or buried
- The reclaimed metal is reused directly in another product
- Reclamation keeps large quantities of hazardous material out of landfills and incinerators.
- Reclamation saves the client disposal costs and potentially puts cash in their pockets, with metal credit rebates
- Catalyst Reclamation gives sites options of how to manage their spent catalyst
- If their state recognizes certain exemptions, they can ship material to our facilities on a bill of lading
- If it is necessary to ship on a hazardous waste manifest, they still get a recycle code
- Reclaiming the material, reduces the amount of hazardous waste tonnage the site must report each year

## Circular Economy

- Our end consumers keep our reclaimed products in the economy.
- Most of our reclaimed material becomes a component in stainless steel or fresh catalyst.



WE STRIVE FOR A CLEANER FUTURE