



Hazardous Waste Treatment

RCRA Part B Licensed TSDF

DART provides hazardous waste management solutions as a licensed treatment storage and disposal facility (TSDF) for a wide variety of industries. DART technology allows for treatment as well as environmentally responsible disposal of waste and by-product for a wide variety of businesses and industries.

Wastewater Treatment

DART's North Carolina facility features a full-service, on-site hazardous wastewater treatment plant specializing in the treatment and processing of wastewater contaminated with hazardous substances. At this site DART is permitted to process:

All three sub-categories listed in the "Centralized Waste Treatment" categorical standards of the Clean Water Act.

- Hazardous Waste Treatment
- Product Destruction Services
- Non-Hazardous Waste Treatment

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Waste streams containing metals, organics and oil.

Aqueous Treatment includes wastewater neutralization, precipitation, pH adjustment and de-watering.

Hazardous Lean Water/Fuel Processing

This proprietary DART-engineered plant design includes state of the art equipment that enables DART to be very cost-competitive in the recycling and processing of hazardous waste streams containing high percentages of water (>90%) and low percentages of organics.

Hazardous and Non-Hazardous Liquids

DART handles a wide variety of hazardous and non-hazardous liquids, including:

Organic and nonorganic/10W BTW solvent-laden water

- RCRA heavy metals
- Industrial water mixtures
- CERCLA hazardous wastewater
- RCRA and non-TSCA wastewater
- Lean water/solvent-laden solutions



HOME > CONTAMINATED SOIL TREATMENT

Contaminated Soil Treatment

Clean Earth provides various treatment options for non-hazardous and hazardous soil contamination. The combination of our various technologies, locations, and experienced team will result in a **soil treatment and recycling or disposal** plan that works specifically for your project site.

Thermal Desorption

Thermal desorption is an environmental remediation technology that is used to treat material with a broad range of hydrocarbon contamination. This process involves heating soil in a rotating dryer to remove or separate the contaminants from the soil. This process is often referred to as "low temp" thermal desorption to differentiate it from high temperature incineration. This method is primarily used to treat soil with high levels of contaminants, such as MGP soil, by heating it in a rotating dryer to destroy contaminants.

- Disposal & Reuse
- Environmental Support
- Field Services
- Government Services
- Transportation
- Treatment Technologies
- Contaminated Soil Treatment**
- Dredged Material Stabilization

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Low Temperature Thermal Desorption (LTTD) technology utilizes heat to physically separate contaminants from soil and media. LTTD units are designed to heat contaminated soils in the rotary kiln (primary treatment unit) to temperatures sufficient to volatilize the contaminants and desorb (physically separate) from the soil or media. The vaporized hydrocarbons are treated in a secondary treatment unit – afterburner/thermal oxidizer – where the hydrocarbons are destroyed prior to discharge to the atmosphere. Pre-processing of soil is often necessary when using thermal desorption and can include screening and blending. The oversized materials may be sized and introduced back into the feed material or decontaminated for beneficial use.

Treated soils are rehydrated to control fugitive emissions, stockpiled for analysis, and recycled as alternate daily cover (landfill) or cap/cover material on a Beneficial Use (BU) site.

Bioremediation

Bioremediation is a treatment process that provides a cost effective and environmentally conscious recycling solution for non-hazardous contaminated soils. Through a process called bioaugmentation, microorganisms are introduced into the contaminated environment as a granular product, with a proper nutrient mix to stimulate and foster their growth while breaking

Treatment Technologies
Contaminated Soil Treatment
Dredged Material Stabilization
Drill & Pipeline Cutting Stabilization
CCP Stabilization
Hazardous & Non-Hazardous Waste Disposal
Aerosol Recycling

granular product, with a proper nutrient mix to stimulate and foster their growth while breaking down the contaminants in the soil.

The process degrades organic contaminants, such as petroleum hydrocarbons, in the soil by the application of cultured microorganisms selected for their ability to metabolize the petroleum products.

Soil that is lightly contaminated with petroleum hydrocarbons is inoculated with engineered bacteria and nutrients that combine to completely break down soil contaminants in 7 to 14 days. Bioremediation is typically used on soil with lower levels of contaminants. The resulting treated soil is recycled as fill material or landfill capping or cover.

Chemical Fixation

Chemical fixation is a soil remediation process used to treat hydrocarbon contaminated soil and/or metal contaminated soil. This process involves stabilizing contaminated material by mixing it with other earthen material, and then treating the blended material with certain chemical additives to formulate a particular material. This treatment binds the petroleum contaminants and prevents leaching. Chemical fixation is best used for light to medium hydrocarbon contamination and/or contaminated soil impacted by metals.

Physical Treatment

Physical treatment of soil includes special sizing and segregation processes to remove unsuitable materials from incoming soils. The resulting soils generate an engineered material



HOME > AEROSOL RECYCLING

Aerosol Recycling

Clean Earth's Aerosol Recycling System is designed to process pressurized steel cans, aluminum cans, glass, and plastics containing consumer commodity products. This one of kind technology was specifically designed to service all industries that produce aerosol, loose spec paint, and other consumer commodity waste. This advanced recycling technology combined with our accepted variations of waste materials and impressive speed allows Clean Earth to completely recycle or reuse all components of the waste products received and processed.

The recycling process employed is completely automated as containers are crushed and separated from the contents. Empty containers are washed and condensed into dense briquettes while the residual gas and liquid contents are captured and separated for recycling, reuse, return or as a last option disposal. The gas/liquid/container separation process is performed in an oxygen-reduced environment to ensure explosion proof and safe conditions.

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- Contaminated Soil Treatment
- Dredged Material Stabilization





HOME > RECYCLING

Recycling

A Clear Vision for a Cleaner Planet.

Clean Earth's recycling capabilities allows our customers to collectively recycle millions of tons of material each year that would otherwise go into landfills. Through our network of full service facilities, Clean Earth has the technology and know-how to recycle contaminated soil, construction debris, aerosol cans, and various consumer commodities.

Contaminated Soil

Clean Earth operates eight full service soil recycling facilities along the east coast. Combining our various technologies and capabilities, with our strategic processing facility locations, Clean Earth is able to provide our customers with multiple recycling options for various types of contaminated soils.

Disposal & Reuse
Recycling
Beneficial Reuse
Disposal
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Construction Debris

Clean Earth locations accept construction debris, which includes brick, block, rock, concrete, and asphalt. These waste materials can be crushed and recycled, as appropriate, for daily cover, road base, and other similar applications.

Universal Waste

Universal waste requirements established in 1995 by the US EPA provided regulations known as the Universal Waste Rule in order to promote the recycling and proper disposal of waste widely generated, which includes certain hazardous materials. According to the Universal Waste Rule, anyone who generates, accumulates or stores universal waste is classified as a handler of universal waste, even if you are a small businesses that has very small quantities. We

- Disposal & Reuse
 - Recycling
 - Beneficial Reuse
 - Disposal
- Environmental Support
 - Field Services
 - Government Services
 - Transportation
 - Treatment Technologies

Universal wastes:

- Batteries
- Pesticides
- Mercury-Containing Equipment
- Bulbs (Lamps)

Electronic wastes:

- Desktop Computers
- Laptop Computers
- Computer Monitors
- Computer Peripherals
- Televisions

Although not commonly recognized by the consumer, electronics may contain toxic metals such as lead, cadmium or mercury, along with other materials making the importance of proper disposal and recycling imperative to protect our environment.

In addition, proper disposal and recycling of universal waste provides the opportunity for qualified companies to reuse or refurbish an item, which ultimately preserves our natural resources as well.



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Aerosol Cans & Consumer Commodities

The Consumer Commodities Recycling system is designed to process pressurized steel or aluminum cans, glass, and plastics containing consumer commodity products. This one of kind unit was specially designed to service the waste industry and allows Clean Earth to completely recycle and/or reuse all components of the waste products.

The process employed is completely automated as containers are crushed and separated from the contents. Empty containers are washed and condensed into dense briquettes while the residual gas and liquid contents are captured and separated for recycling, reuse, return or as a last option disposed. The gas/liquid/container separation process is performed in an oxygen-reduced environment to ensure explosion proof and safe conditions.

What is Recycled:

- Consumer Packaging - shrink wrap, corrugated board, cardboard, pallets
- Hard Plastic Caps

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- Hard Plastic Caps
- Exterior Husks - steel, aluminum
- Interior Content - return to client or reuse as "reagent/cutter"
- Vapor Gas Recovery - Capable of recovering propellants and/or gases for reuse recycle.
 Facility will run on Co-Gen from gas recovery mixed fuels, propane bottling station for use as fuel for facility vehicles, refrigerant propellants (ex. R-134A) for reclamation

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Services & Solutions	What We Handle	Sustainability	Careers
Disposal & Reuse	Aerosols	CEO Message	Work with Us
Environmental Support	Data Destruction	Vision & Goals	Available Positions
Field Services	Coal Combustion Products	Recycle at Work Pledge	
Government Services	Construction Debris	Energy Conservation	
Transportation	Consumer Commodities	Residential Resources	



HOME > BENEFICIAL REUSE

Beneficial Reuse

Sustainable solutions for our customers and our environment.

Clean Earth and the clients we serve seek to avoid landfills and utilize recycling and beneficial reuse applications for their waste materials. Clean Earth handles an array of material types that are treated, processed, and ready for beneficial reuse such as dredged material, CCPs, and drill and pipeline cuttings.

Dredged Material

Clean Earth's dredged material processing technologies have been the beneficial reuse solution for the NY/NJ Harbor for the past 25 years, and the longest standing dredged material processing and beneficial use company on the east coast. Dredged material is processed

Disposal & Reuse
Recycling
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Field Services
Government Services



Coal Combustion Products (CCPs)

Clean Earth's unique experience as a "market maker" for beneficial use of our entire spectrum of environmentally safe recycled products allows us to quickly and consistently find beneficial uses for CCPs.

Whether it's a one-time coal ash impoundment clean out and closure or a 20-year ash production requirements contract, Clean Earth possesses unparalleled experience in the use of pre-treatment, handling and logistics necessary to place your combustion products into sound markets and beneficial reuses. Our engineered material can be recycled or beneficially reused for road base, brownfield reclamation, and mine reclamation.

Clean Earth's full compass of services for CCP management includes the research, technology, and strategy for go to market. For every CCP Management project we handle, we take into consideration that there is an early review needed focused from all environmental views.

Drill & Pipeline Cuttings

Clean Earth developed the first PADEP permitted technology that allows oil and gas companies to recycle or beneficially reuse drill and pipeline cuttings derived from oil and gas exploration.

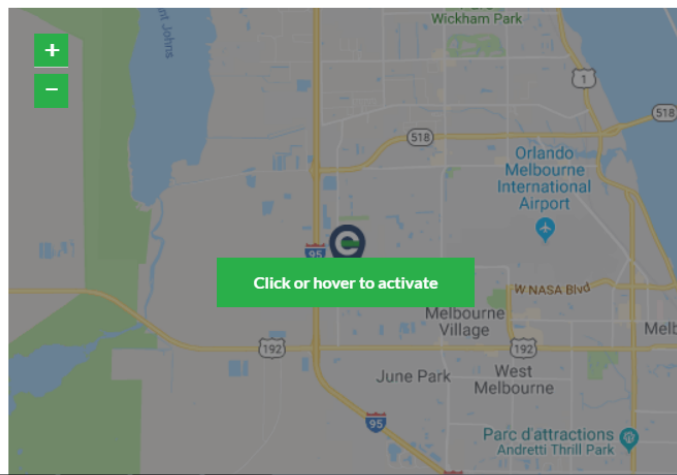
Overall the beneficial reuse of drill cuttings at brownfield/Act 2 sites provides direct



HOME > LOCATIONS > WEST MELBOURNE

West Melbourne

Hazardous & Non-Hazardous Waste Recycling & Disposal



West Melbourne
4317 J Fortune Place
West Melbourne, FL 32904

Directions

Receiving Hours
7:00 a.m. to 4:00 p.m.
Monday - Friday

Contact Information

SHARE

of-life management of assets containing sensitive data and components hazardous to our environment. Clean Earth offers an integrated strategy that allows its clients to reduce the amount of waste produced, implements best practices for handling waste on-site, and provides a full range of treatment options to meet specific needs.

Our universal waste facilities use a state-of-the-art Balcan Lamp Recycling System and Thermal Retort process to fully recycle a multitude of different lamps, ballasts, mercury containing items, and batteries.

Each Clean Earth universal and electronic waste recycling facility is fully EPA permitted and comply with all state & federal EPA, OSHA, and DOT Regulations. Clean Earth recognizes that environmental management is one of our highest corporate priorities and conducts all aspects of its business accordingly as responsible stewards of the environment.

Contact Information

Facility
 321.952.1516
 PHONE
 321.952.1060
 FAX

Customer Service
 866.447.5177
 PHONE
 610.797.7696
 FAX

Facility Type

Universal Waste Recycling and Thermal Retort Facility; RCRA Part B Permitted Treatment, Storage, and Disposal (TSDF) that accepts Hazardous and Non-Hazardous Waste

Treatment Platform

- Balcan Lamp Recycling System: State-of-the-art lamp crushing and recycling system
- Thermal Retort: Vaporizes mercury from powder, glassware, metalware, etc. Mercury is brought to 99.999% purity

Nearby [All Locations →](#)

- Kingsland
KINGSLAND, GA
- Moore Haven
MOORE HAVEN, FL
- Glencoe
GLENCOE, AL