



Maryland Green Registry MEMBER

The Maryland Green Registry promotes and recognizes sustainable practices at organizations of all types and sizes. Members agree to share at least five environmental practices and one measurable result while striving to continually improve their environmental performance.

The Vane Brothers Company



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Marine Transportation
Member since June 2012

Management and Leadership

Environmental Policy Statement

Vane Line Bunkering, Inc. is committed to provide the safest possible working conditions for its personnel and to protect the health and safety of the public and the environment on all of its equipment afloat and in its facilities ashore. We are dedicated to continual, aggressive improvement of port and fleet operations and pollution prevention in order to minimize environmental and safety hazards.

To affirm its commitment, Vane Brothers endeavors to comply with applicable current laws and regulations and to develop the best feasible operations procedures, technologies and programs. Through its shore-based management, tug masters and barge captains, Vane works closely with all personnel to maintain a safe and healthy workplace.

Primary responsibility for health, safety, and environmental protection, however, lies with each individual employee. To that end, the company requires employees to strictly follow those policies and procedures established by the Safety Management System and to abide by all applicable laws and regulations. This policy is visibly posted throughout the company's facilities. It is available to the public upon request and is posted on Vane's internal website.

Annual Environmental Goals

As part of our compliance with the ISM-Safety Management System, our goals and objectives cover the following environmental targets:

- *Prevent any oil or chemical spill to water from any company vessel;*
- *Prevent any oil or chemical spill to water from any company owned facility;*
- *Reduce emissions in the fleet of company owned vessels (tugs and barges) by replacing aged diesel engines with new VOC compliant diesel engines, to accomplish Tier III compliance;*
- *Reduce regulated solid waste streams from the vessels and facilities by utilizing swap policy for batteries, recycling program for electronics components – computers and hardware; and changing out fluorescent bulbs with new energy efficient bulbs.*
- *Reduce residual waste by educating purchasing department on ordering parts and supplies with minimal use of packing materials, plastic wrap, additional boxes and recycling cardboard and paper at all facilities.*

Environmental Restoration or Community Environmental Projects

Vane actively supports and participates in Community clean up and restoration campaigns in and around the Baltimore Harbor and supports all efforts to assist in cleaning up the water quality in Baltimore Harbor the Chesapeake Bay.

Independently-Audited Environmental Management System

Vane is OEMS, Operational Excellence Management System, compliant as required by major oil company customers following RC-14001 guidelines. The objectives and targets required by the program are audited by the American Bureau of Shipping for compliance during annual ISM-Safety Management System audits.

Waste

Solid Waste Reduction and Reuse

Vane recently purchased additional land including two abandoned piers. The concrete decking was removed and crushed and stockpiled to be re-used during the next bulkhead repair project. Approximately 1,500 tons of concrete was relocated to Vane's property on the opposite side of the harbor at Pier 12-13 for re-use when the current bulkhead is to be replaced. The material will be used to back-fill the new bulkhead. It has been sampled and is approved for re-use.

Recycling

- *Paper and all electronic components are recycled at all Vane facilities.*
- *Vane has a swap-out policy in effect with all batteries purchased for use on the tugs and barges. The vendor collects all large industrial size batteries for recycling as part of this policy.*
- *Vane recycles all used oil from all of its facilities.*

Hazardous Waste/Toxic Use Reduction

Used paint is managed through a reduction program of stock control to ensure vessels are not over-stocked, thus greatly reducing the amount of partial containers landed ashore for disposal. This same program is in place shore-side to prevent accumulation of used paint. A standardization program of paint colors allows for any partial containers to be used for re-painting and touching up to ensure all paint purchase is applied versus disposed.

Energy

Energy Efficiency

Vane completed a Blue Star Energy Contract where all exterior facility lighting was changed out along with interior warehouse lighting. Details of the project are:

*Existing: 105,952 kWh
Proposed: 43,926 kWh
Saved: 62,026 kWh
Reduced annual cost: \$7,132.96
CO₂ saved: 44.54 tons
SO₂ saved: 258.83 tons
NO_x saved: 109.48 lbs
Equivalent cars off the road: 8
Equivalent trees planted: 1.142*

The large warehouse (8,700 sq ft) used for the Marine Launch operation is fitted with motion sensor/lighting zones that come on when personnel are working in the warehouse. This has resulted in a huge savings and will extend the service life of the new bulbs. In 2020, energy efficient LEDs and motion sensors were also installed in the corporate office space to greatly reduce the energy used during normal operating hours.

Transportation

Fleet Vehicles

Fleet vehicles are maintained in accordance with manufacture guidelines with regards to oil changes and preventive maintenance. All diesel trucks are checked frequently for emissions. Vehicles are swapped out with new when necessary to ensure the fleet is performing within recommended environmental standards. This applies to land-based cranes, forklifts and other shore based heavy equipment.

Water

Stormwater Management and Site Design

Our facility is located on the banks of the Patapsco River in the Baltimore Harbor, and along each edge of our property is a swale that is used to capture sediment and any wind-blown debris washed from our facility during heavy rains. This swale has been maintained to reduce the sediment run off and recently upgraded to include a new sod center section to better capture any sediment run off from the paved parking areas. The facility is designed to drain to these swales to ensure all water is filtered through the natural grasses, sod and phragmites that line the swale. The facility operates under a SPCC and SWPPP Plan and this plan requires a monthly visual inspection of the facility and these swales for signs of any pollution or degraded vegetation.

Environmental Certification Programs, Awards, and Other Activities

- Vane enrolled in the EPA-sponsored Waste Wise program in 2008 and is participating in accordance with guidance posted by MDE and the EPA in the daily operations of the facility.*

Profile Updated December 2020



Help build a greener, more sustainable Maryland through voluntary practices that reduce environmental impacts and save money.

Learn more at green.maryland.gov

