



**Florida Department of
Environmental Protection
Hazardous Waste Inspection Report**

FACILITY INFORMATION:

Facility Name: Diversified Marine Tech Inc
On-Site Inspection Start Date: 12/19/2018 **On-Site Inspection End Date:** 12/19/2018
ME ID#: 40523 **EPA ID#:** FLD984182733
Facility Street Address: 2531 Causeway Blvd, Tampa, FL 33619-5151
Contact Mailing Address: 1201 N 22nd Street, Tampa, FL 33605
County Name: Hillsborough **Contact Phone:** (813) 248-3256

NOTIFIED AS:

Non-Handler
Transporter
Used Oil

INSPECTION TYPE:

Routine Inspection for Used Oil Transfer Facility facility
Routine Inspection for Used Oil Transporter facility

INSPECTION PARTICIPANTS:

Principal Inspector: Domenic LetoBarone, Inspector
Other Participants: Gerry McCormick Jr., President

LATITUDE / LONGITUDE: Lat 27° 55' 47.3095" / Long 82° 25' 40.105"

SIC CODE: 4941 - Trans. & utilities - water supply

TYPE OF OWNERSHIP: Private

Introduction:

Diversified Marine Tech, Inc. ("DMT") was inspected in conjunction with its sister company, Diversified Environmental Services, Inc. ("DES") on December 19, 2018. Mr. Gerry McCormick Jr. provided access and information during the inspections. Both companies are currently registered with the Department as used oil transporters and transfer facilities, but neither has a permit for used oil processing. The companies do not market used oil fuel. All oil is shipped to off site facilities for additional processing and marketing.

DMT operates at the Port of Tampa, with a full service wet berth in addition to a dry docking system. At the time of inspection, the dry dock system was currently not in operation and in need of major repairs. The company can also service ships elsewhere in the port and transport waste from the ships to the DMT dock for transfer to shore facilities.

DES has offices, parking areas for transportation equipment, a maintenance shop and a centralized wastewater treatment unit that discharges to the City of Tampa's sewer system under a pre-treatment permit at its main facility located at 1201 N. 22nd Street in Tampa. Records for both companies are maintained at DES.

Process Description:

DES currently owns nine vacuum trucks, only five of which are in operation, five tankers and four tractors. DES also has eleven frac tanks, plus rental units from Adler Tanks. DES owns two tugs. The 16,250 barrel capacity double hulled tank barge, the DES 1625, which was built in 1970 is out of service. DES currently uses an 8,000 barrel capacity double hulled tank barge, the DES 800, which was built in 1985. The DES 800 was located at the DMT Facility at the time of inspection.

DMT provides ship maintenance services and repairs, and the barge is used to transport oily waste over

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water. The barge is also used to allow passive gravimetric separation of oil and water. Frac tanks are also staged at DMT for holding oily waste. Oily waste water is transferred to trucks or tankers for transport to the DES facility for treatment. The four frac tanks located at the DMT Facility at the time of inspection were empty. Sewage pumped from ship holding tanks is taken directly to the City of Tampa's Howard Curran treatment facility for discharge.

DES accepts industrial waste water for pretreatment in a NPDES permitted Centralized Wastewater Treatment Unit that discharges to the City of Tampa's Howard Curran wastewater treatment facility. Since the previous inspection, DES modified their permit to accept all types of industrial waste water (Category D.) The water treatment plant includes 6 x 10,000 gallon holding tanks for water, which is tested prior to discharge to the POTW. Solids precipitated during treatment are separated from the waste water in a cone bottom tank, and then dewatered in a filter press prior to disposal off site, to Clark Environmental. The solids are tested regularly and are not characteristically hazardous.

Recovered oil is currently being stored in frac tanks on site at the DES location. Mr. McCormick said that oil with excessive water is sometimes transported back to the barge, where it is stored to allow additional gravimetric separation. At the time of inspection, DES had 4 frac tanks and a 8,000 gallon capacity single-walled tank used to store bilge water on site. One frac tank and the 8,000 gallon tank were empty. The other three frac tanks contained bilge water from the water treatment plant. The frac tanks containing the bilge water were labeled accordingly. Located within secondary containment were 4 x 250-gallon totes containing used antifreeze. Mr. McCormick explained that the incorrect type of antifreeze was used for the tug boat engines, which required it to be pumped out and sent for disposal. All four totes were properly labeled and awaiting disposal. All vacuum trucks and tankers were empty. DES was informed that once the frac tanks are utilized and put back into service, they should be placed into secondary containment with enough capacity to hold 110% by volume of the largest tank.

Oil transfer records between DMT and DES were on file. The records included the EPA identification numbers of both companies. Records included a notation "halogens less than 1,000 ppm." Several Non-Hazardous Waste manifest did not include a Generator signature or date.

Recovered oil is brokered by Mavrik Management, Inc. Sunrise Environmental may be used again in the future. DES did not have any off specification used oil and did not have any loads rejected since the time of the last inspection from 2016. Neither DES or DMT were storing used oil on site for more than 35 days.

Mr. McCormick provided copies of the verification demonstrating that DES and Diversified Marine Tech (DMT) are registered as a used oil Transporter, Transfer Facility, and Filter Transporter. Their registration is current through to 6/30/2019. The DES Transported Wastewater Discharge Permit was also provided and valid through to March 31, 2019. Training cards for all the employees were provided and their current training is valid through January 29, 2019. DES management also reviews the Facility Response Plan with their employees in conjunction with the HAZWOPER refresher.

PHOTO ATTACHMENTS:

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DES800 vessel



Flammable Storage Locker



Empty Frac Tanks



new product drums



Conclusion:

During the inspection conducted on 12/19/2018, it was found that DES and DMT did not always have either a printed name, signature, or date for the Generator on the manifest. This violation was cited on the 2018 DES Inspection Report (EPA ID# FLD984183566). There were no other discrepancies noted at the DMT Facility. At the time of inspection, DES and DMT were not operating in compliance with the regulations applicable to used oil transfer facilities.

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1.0 - Pre-Inspection Checklist

Requirements:

The requirements listed in this section provide an opportunity for the Department's inspector to indicate the conditions found at the time of the inspection. A "Not Ok" response to a requirement indicates either a potential violation of the corresponding rule or an area of concern that requires more attention. Both potential violations and areas of concern are discussed further at the end of this inspection report.

Note: Checklist items with shaded boxes are for informational purposes only.

Item No.	Pre-Inspection Review	Yes	No	N/A
1.1	Has the facility notified with correct status? 262.18(a)	✓		
1.2	Has the facility notified of change of status? 62-730.150(2)(b)			✓
1.3	Did the facility conduct a waste determination on all wastes generated? 262.11	✓		

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Signed:

A hazardous waste compliance inspection was conducted on this date, to determine your facility's compliance with applicable portions of Chapters 403 & 376, F.S., and Chapters 62-710, 62-730, 62-737, & 62 -740 Florida Administrative Code (F.A.C.). Portions of the United States Environmental Protection Agency's Title 40 Code of Federal Regulations (C.F.R.) 260 - 279 have been adopted by reference in the state rules under Chapters 62-730 and 62-710, F.A.C.

Domenic LetoBarone	Inspector
Principal Inspector Name	Principal Inspector Title

<i>Domenic LetoBarone</i>	DEP	01/04/2019
Principal Inspector Signature	Organization	Date

Gerry McCormick Jr.	President
Representative Name	Representative Title

Diversified Environmental Services,
Inc.

Organization

NOTE: By signing this document, the Site Representative only acknowledges receipt of this Inspection Report and is not admitting to the accuracy of any of the items identified by the Department as "Potential Violations" or areas of concern.

Report Approvers:

Approver: <u>Shannon Kennedy</u>	Inspection Approval Date: <u>01/07/2019</u>
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