



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

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**FACILITY INFORMATION:**

**Facility Name:** Diversified Environmental Services Inc  
**On-Site Inspection Start Date:** 12/19/2018      **On-Site Inspection End Date:** 12/19/2018  
**ME ID#:** 49178      **EPA ID#:** FLD984183566  
**Facility Street Address:** 1201 N 22nd St, Tampa, FL 33605-5314  
**Contact Mailing Address:** 1201 N 22nd St, Tampa, FL 33605-5314  
**County Name:** Hillsborough      **Contact Phone:** (813) 248-3256

**NOTIFIED AS:**

Non-Handler  
Transporter  
Used Oil

**INSPECTION TYPE:**

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

**INSPECTION PARTICIPANTS:**

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

**LATITUDE / LONGITUDE:** Lat 27° 57' 22.4678" / Long 82° 26' .3581"

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

**TYPE OF OWNERSHIP:** Private

**Introduction:**

Diversified Environmental Services, Inc. ("DES") was inspected in conjunction with its sister company, Diversified Marine Tech, Inc. ("DMT") on December 19, 2018. 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. 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 pretreatment permit. DES is a spill response contractor and offers tank and ship cleaning services. DMT operates a ship repair and maintenance business at the Port Tampa Bay, with a full service wet slip in addition to a dry docking system. 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 also conducts some operations in Texas and Louisiana.

**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 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. Sewage pumped from ship holding tanks is taken directly to the City of Tampa's Howard Curran treatment facility for discharge.

Inspection Date: 12/19/2018

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. 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 empty frac tanks are used for service, they should be placed in secondary containment capable of holding 110% by volume of the the largest tank within containment.

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. Used oil was not stored at DES or DMT for longer than 35 days.

Oily solids such as engine room muck and contaminated absorbents are stored in containers and are currently being disposed of through Clark Environmental in Mulberry. DES disposed of 23 x 55 gallon drums of this material via Clark Environmental. 1 x 55-gallon drum, approximately half full of filter screening debris / oily solids was located outside the plant. The other two 55-gallon drums outside the plant were empty. One of the empty drums stored 3 filter baskets. All containers located on top and below the loading dock were empty.

A small laboratory is adjacent to the water treatment plant. The tests are limited to pH, chloride content and percent water by Dexsil Hydroscout testing. No specification testing is conducted, and quarterly waste water samples collected for Clean Water Act compliance are analyzed by a certified lab.

Inside the shop area where 3 cardboard boxes of spent fluorescent bulbs. Two boxes were full, and the third box still had enough space for several more bulbs. Each RecyclePak was properly labeled and sealed pending disposal via Veolia. 3 x 55-gallon drums labeled used oil were also identified. Two of the drums were empty and the third drum was approximately 1/2 full of used oil. Inside the shop area were two above ground storage tanks (less than 500-gallon capacity) containing new virgin oil. One tank held new vacuum pump oil (SAE40) and the other tank held new engine oil (15W40). Additionally there were 6 x 5-gallon buckets of new oil. A parts washer located in the shop area was not in service and has not been operated since before the last inspection in 2016. There was no evidence of any solvents in the parts washer or stored in containers near the parts washer. Solvents were not encountered either at the time of the 2016 inspection. DES uses two propane forklifts, none of which generate any waste.

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. Employee training records were provided and were up to date. The current 8-hour HAZWOPER certification is current through January 29, 2019. DES uses an outside vendor to conduct and fulfill their essential training needs.

Inspection Date: 12/19/2018

**New Potential Violations and Areas of Concern:**

**Violations**

Type: Violation

Rule: **279.46(a), 279.46(a)(5)(i)**

Explanation: Used oil acceptance records from DES and DMT did not always include a printed name, signature, or date upon receipt.

Corrective Action: Ensure that all used oil acceptance and delivery records include the EPA identification numbers of the oil provider, and the signature of the oil provider, dated upon receipt.

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**PHOTO ATTACHMENTS:**

Used Antifreeze Totes



Vacuum Trucks



Wash out area



Wastewater Treatment Plant 1



Inspection Date: 12/19/2018

Wastewater Treatment Plant 2



**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. Additionally, the gallon amounts on most of the Bill of Ladings were not filled in. Copies of the Product Receiving Tickets were provided post-inspection with the gallon amounts. At the time of inspection, DES and DMT were not operating in compliance with the regulations applicable to used oil transfer facilities.

Inspection Date: 12/19/2018

**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	✓		

Inspection Date: 12/19/2018

**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
<b>Principal Inspector Name</b>	<b>Principal Inspector Title</b>

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

Gerry McCormick Jr.	President
<b>Representative Name</b>	<b>Representative Title</b>

Diversified Environmental Services,  
Inc.

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**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: Shannon Kennedy	Inspection Approval Date: 01/07/2019
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