

**Cleaning of the Oil and Water Separators  
187 Fighter Wing  
Montgomery Regional Airport  
Montgomery, Alabama**

**Statement of Work:**

**General**

The contractor will provide all labor, materials, and equipment as required to complete the cleaning, of the oil water separators (OWS) as outlined below for the 187<sup>th</sup> Fighter Wing and its Geographically Separated Units (GSUs), Montgomery and Dothan, Alabama. The contractor will be required to work during normal duty hours, 0700hrs to 1730hrs, Tuesday through Friday, unless written approval is received from the 187<sup>th</sup> Civil Engineer office. Utility disruptions must be pre-coordinated at least 72 hours in advance with the 187<sup>th</sup> Civil Engineer office.

**General Work Description**

There are ten OWS and one grease trap to be cleaned out. Use dry clean-up methods when possible, rather than generating wastewater from wet clean-up methods. Minimize the use of detergents and cleaners that emulsify oil, grease, and fuel to the extent that separator function is impaired.

Cleaning can be done by removing the media or plates and using a high pressure cleaning device. If the media or plates are not removable, drain the OWS and clean the media or plates with a pressure washer. Then, pump out the sludge, oil, and other residuals. The wastewater that results from cleaning the coalescing media or plates should be discharged to a separator or collected for disposal. In addition to removing all accumulated oil, wastewater, and sludge, a thorough internal inspection of the structural and mechanical condition of the unit should be performed with the findings reported to the base.

After cleaning and internal inspections are complete, it is imperative that the unit (including grit traps or grease traps) be filled with clean water prior to receiving oily wastewater. Oil holding tanks/chambers (whether integral to the OWS unit or separate) must not be filled with water after cleaning. For the components that require water to operate properly, the water must be level with the invert of the effluent line in order for the separator to operate properly.

The contractor will validate the proper operation of each OWS's alarm system. A report will be submitted at the end of the contract to validate the proper operation of each OWS and its alarm system.

The contractor must ensure that proper disposal practices are implemented during cleaning operations. When removing and recycling/disposing of oil or solids from the separator, certain information is required to ensure that there is reasonable effort to

determine that the removed materials are managed properly. The contractor shall provide the base with:

- Certification that all relevant licenses have been obtained from federal, state, and local regulators to conduct the contracted activities;
- A certificate of receipt listing the type and amount of material removed and the date of custody transfer; and
- Information on the reuse/disposal locations and methods.

The contractor shall contact state and local regulatory agencies and the wastewater treatment authority to determine any monitoring, handling, transport, storage, and disposal requirements that apply to the separators at the base.

If separator oils and solids are deemed to be hazardous, immediate actions should be taken to identify and eliminate the source of hazardous pollutants, if possible and the base authorities should be notified immediately. If it is suspected that hazardous waste is present in a separator, characterization sampling should be conducted prior to removal of wastes from the separator.

Unit ID and Location	Unit Description	Wastewater Source(s)	Discharge Location
Bldg. 1225, Fire Station	Unit Type: OWS Capacity: <120-gal Material: Steel with Fiberglass Coating Single/Double-Walled: Double-Walled Leak Detection: Unknown Manufacturer: Unknown Model #: Unknown Configuration: Unknown Elevation: Underground Ancillary equipment: None	Floor drains. Activities include vehicle maintenance and floor washing.	Sanitary
Bldgs. 1304 and 1335, Fuel Systems and Wash Rack	Unit Type: OWS Capacity: 550-gal <sup>6</sup> Material: Steel with Fiberglass Coating Single/Double-Walled: Double-Walled Leak Detection: Unknown Manufacturer: Unknown Model #: Unknown Configuration: Unknown Elevation: Underground Ancillary equipment: None	Floor and wash rack drains. Activities include aircraft maintenance, aircraft washing, aircraft touch-up painting, and floor washing.	Sanitary
Bldg. 1313, AGE Maintenance	Unit Type: OWS Capacity: 110-gal Material: Steel with Fiberglass Coating Single/Double-Walled: Double-Walled Leak Detection: Unknown Manufacturer: Unknown Model #: Unknown Configuration: Unknown Elevation: Underground Ancillary equipment: None	Floor drains. Activities include AGE Maintenance, AGE washing, parts washing, and floor washing.	Sanitary
Unit ID and Location	Unit Description	Wastewater Source(s)	Discharge Location
Bldg. 1403, Munitions Calibration	Unit Type: OWS Capacity: 550-gal	None.	Sanitary

(Not in use)	Material: Steel with Fiberglass Coating Single/Double-Walled: Double-Walled Leak Detection: yes Manufacturer: Unknown Model #: Unknown Configuration: Unknown Elevation: Underground Ancillary equipment: None		
Bldgs. 1407 and 1408, Engine Shop/NDI and Hush House	Unit Type: OWS Capacity: 2,000-gal Material: Steel with Fiberglass Coating Single/Double-Walled: Double-Walled Leak Detection: yes Manufacturer: Unknown Model #: Unknown Configuration: Unknown Elevation: Underground Ancillary equipment: None	Sink and floor drains. Activities include aircraft engine maintenance, NDI, and floor washing.	Sanitary
Bldg. 1409, Vehicle Maintenance	Unit Type: OWS Capacity: 600-gal Material: Steel with Fiberglass Coating Single/Double-Walled: Double-Walled Leak Detection: yes Manufacturer: Unknown Model #: Unknown Configuration: Unknown Elevation: Underground Ancillary equipment: 1,000-gal overflow tank	Floor drains. Activities include parts washing, vehicle maintenance, vehicle touch-up painting, vehicle washing, and floor washing.	Sanitary
Bldg. 1501, Dining Hall	Unit Type: Grease Trap Capacity: 1,000-gal each Material: Steel Single/Double-Walled: Unknown Leak Detection: Unknown Manufacturer: Unknown Model #: Unknown Configuration: Unknown Elevation: Unknown Ancillary equipment: None	Sink drains. Activities include food preparation, service, and disposal.	Sanitary
Bldg. 1700, POL	Unit Type: OWS Capacity: 8,000- or 10,000-gal <sup>6</sup> Material: Steel with Fiberglass Coating Single/Double-Walled: Double-Walled Leak Detection: yes Manufacturer: Unknown Model #: Unknown Configuration: Unknown Elevation: Underground Ancillary equipment: None	Drains throughout POL yard. Activities include bulk fuel storage and vehicle fueling. OWS receives storm water runoff.	Storm Water
Bldg. 2001, Vehicle Maintenance 232 <sup>nd</sup> CBCS, Thomason Ave. Bldg. 201, VMF and Power Production 280 <sup>th</sup> CBCS,	Unit Type: OWS Capacity: < 120-gal Material: Unknown Single/Double-Walled: Unknown Leak Detection: Unknown Unit Type: Two (2) OWS Capacity: < 120-gal Material: Unknown Single/Double-Walled: Unknown	Sink drain. Activities include vehicle maintenance, vehicle washing.  Sink drain. Activities include vehicle maintenance, vehicle washing.	Sanitary  Sanitary

Wallace Dr.	Leak Detection: Unknown		

The above general statement of work is not an all-inclusive list for the work to be performed. The general items outlined above have understood associated work that the contractor is expected to perform. It is the intent of this statement of work for the contractor to accomplish these items outlined above along with the required associated work in order to provide a fully functional and operational product at the end of the job.

All salvage material will become the property of the contractor and will be removed on a daily basis. The contractor is expected to keep the work site clean and free of debris. Trash accumulation will not be permitted. The use of government dumpsters is prohibited. All work shall be performed in a manner which does not interfere or disturb base operations. Any damage to existing Government property will be repaired to a "like new" condition at no additional cost to the owner.

The contractor is expected to visit the site and verify all existing conditions, if needed. This includes identifying any fixtures or items that may conflict with or affect the outcome of the work. The contractor is expected to include any cost required for the accommodation of such items within the original cost proposal.