

**MARYLAND DEPARTMENT OF THE ENVIRONMENT
LAND AND MATERIALS ADMINISTRATION – OIL CONTROL PROGRAM**

1800 Washington Boulevard, Suite 620 • Baltimore, Maryland 21230-1719

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Report of Observations

Date	May 6, 2026	Facility ID	7874
Type of Inspection / Observations	Frac Tank Gauging, Outfall Observation	Case #	2026-0420-PG
Site / Facility Name	Joint Base Andrews – [REDACTED] Fuel Hydrant Loop Release	Permit #	2022-OPT-5217 24OGR-1768
Address	[REDACTED] Andrews AFB	MDEnviroScreen	31.1
Point of Contact (POC)	[REDACTED]	POC Phone	[REDACTED] [REDACTED]
POC Email	[REDACTED] [REDACTED]	POC Fax	-

Remarks: On May 6, 2026, Maryland’s Department of the Environment (MDE) Oil Control Program (OCP) Remediation Division case manager Chris King met with [REDACTED] of Joint Base Andrews (JBA) and Clean Harbors personnel to observe the final gauging of the frac tank stationed near the outfall to Piscataway Creek. Removal of all liquids from the frac tank was approved by MDE-OCP and will occur over a period of three to four days. MDE-OCP personnel were escorted by JBA personnel during the site visit.

In the presence of MDE-OCP and JBA personnel, Clean Harbors personnel utilized a tank gauging stick to visually determine the total liquid thickness from a manway on the top of the frac tank. Iron oxide floc was observed near the surface in the frac tank. The total liquid thickness was approximately 108 inches. An oil/water interface probe was utilized to determine the LPH thickness in the frac tank. An initial measurement by Clean Harbors resulted in an LPH thickness between 0.1 and 0.2 of a foot, which equates 1.2 to 2.4 inches in thickness. Gauging measurements to the hundredth of a foot, as denoted on interface tape, were not recorded during the initial measurement. MDE-OCP noted that the measurement was significantly less than the seven inches reported on May 5, 2026.

To confirm the initial measurement by Clean Harbors, OCP personnel utilized a second interface probe and observed depth to LPH at 0.91 feet below the top of the manway and depth to water at 1.02 feet below the top of the manway for a total LPH thickness of 0.11 feet, which equates to 1.32 inches in thickness. A disposable bailer was inserted approximately 18 inches into the liquid and resulted in minimal LPH thickness (less than an inch) upon removal.

Clean Harbors personnel regauged the frac tank prior to MDE-OCP’s departure from the site. A thickness of 0.22 feet (2.64 inches) of LPH were reported to be measured in the frac tank. MDE-OCP discussed performing a characterization at the time of disposal to determine the ratio of water to fuel due to the inconsistent gauging measurements provided on May 5, 2026, in comparison to this site visit. **JBA and Clean Harbors confirmed that a ratio of water to fuel would be provided by the disposal facility for all liquids from the frac tank.**

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Gauging measurements in the daily table have been provided in whole numbers to date. According to Clean Harbors personnel, the measurements have been rounded down to the nearest whole number for reporting purposes. **Liquid level thicknesses must be provided to the hundredth of a foot in all future tables to provide a more accurate accounting of LPH and petroleum impacted water recovery.**

An increase in water flow at the outfall was observed during the rain event. LPH and petroleum sheen were observed between the outfall and the first hard boom. A petroleum sheen was also observed between the first and second hard boom. Absorbent pads at the outfall increased in petroleum saturation throughout the site visit. Clean Harbors personnel initiated a vacuum recovery event while MDE-OCP was on site.

Based on the observations during this site visit, OCP has the following requirements:

1. **Within three days** of completing off-site disposal from the frac tank, provide liquid disposal receipts for all liquids disposed of from the frac tank. The disposal receipts must include the total number of gallons disposed for each vac truck.
2. **Within three days** of completing off-site disposal from the frac tank, provide documentation of the liquid to fuel ratio for all liquids disposed of from the frac tank.
3. All future LPH cumulative tracking tables must record depth to LPH, depth to water, calculation of LPH thicknesses in feet, AND conversions of LPH thicknesses to inches to accurately calculate LPH recovery totals in accordance with available tank gauging charts.

Photographs Taken: Yes No


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NOTES

- Report the following conditions to the Department immediately, but not later than 2 hours after the detection, at **410-537-3442** during normal business hours, or to the Emergency Response Division hotline at **1-866-633-4686**:
 - Evidence of a spill, release, or discharge of oil;
 - A release detection method, monitoring results, or investigation of an alarm indicates that a spill, release, or discharge may have occurred;
 - Investigation of an inventory variation reveals a leak;
 - If a storage tank system fails a test for tightness,;
 - Two consecutive inconclusive precision tightness test results;
 - A storage system (aboveground or underground) is determined to be leaking;
 - Test failure of spill catchment basins, containment sumps, or test of a cathodic protection resulting determination the system is inadequate;
 - Presence of liquid phase hydrocarbons; absorbed or free product in soil; vapors in soil, basement, sewer or utility line; or waters of the State;
 - Unusual operating conditions exist, such as erratic behavior of product dispensing equipment, the sudden loss of a regulated substance from a storage tank system, unexplained presence of water in a storage tank, or liquid in the interstitial space of a secondary containment system.

- Reports should **not** be made via voice messages to OCP case managers.

- Operating without a permit or in violation of a permit, regulation, or law may result in the assessment of civil or administrative penalties and or other legal sanctions.

MDE Representative: Chris King Phone: 410-537-4152 Email: christopherj.king@maryland.gov	Emailed: <input checked="" type="checkbox"/> Email: [REDACTED] Person Interviewed (print): [REDACTED]
Signature: 	Signature:
Date: May 7, 2026	Date: