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

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Report of Observations

Date	April 20, 2026	**Facility ID**	7874
Type of Inspection / Observations	MDE OCP 2nd Surface Water Sampling Event	**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]
POC Email	[redacted]	**POC Fax**	-

Remarks: On April 17, 2026, Maryland's Department of the Environment (MDE) Oil Control Program (OCP) Remediation Division Chief Susan Bull and case manager Chris King met with [redacted] of Joint Base Andrews (JBA) and Clean Harbors personnel (collectively, the JBA Team) to conduct a joint sampling event of Piscataway Creek. On 4/13/26, MDE-OCP identified three surface water locations by GPS coordinates for weekly monitoring of the watershed drainage following the release of Jet fuel. On this date, MDE-OCP planned to collect split samples with the JBA Team. During the sampling event MDE planned to evaluated two potential downstream sampling locations.

Upon arrival at the identified Sample 3 location, intermittent petroleum odors were noted near Piscataway Creek. Sample 3 is located [redacted] base security fencing. Suspected petroleum mousse was observed on the water surface of Piscataway Creek. OCP and Clean Harbors personnel collected surface water samples from Sample 3 location at the coordinates previously identified. The water sample will be analyzed for full suite volatile organic compounds, including fuel oxygenates, naphthalene, perchloroethylene and trichloroethene, using EPA Method 8260; total petroleum hydrocarbons – diesel and gasoline range organics (TPH-DRO and TPH-GRO) using EPA Method 8015, and for perfluoroalkyl and polyfluoroalkyl (PFAS) targeted compounds using EPA Method 1633.

Following the collection of Sample 3, JBA personnel escorted OCP and Clean Harbors personnel to Piscataway Creek on base. Intermittent petroleum odors were present in the vicinity of Piscataway Creek to [redacted]. OCP provided sample containers to Clean Harbors for the collection of Samples 1 and 2. Two water samples (Sample 1 and Sample 2, at coordinates previously identified) were collected from Piscataway Creek on base [redacted]. The samples will be analyzed for full suite VOCs, TPH-DRO, TPH-GRO and PFAS as noted above. All samples collected were packaged on ice for transport to the lab.

Access to Piscataway Creek was evaluated at several locations [redacted] Sample location 3. OCP determined access to much of the creek near the [redacted] of the base was privately owned and was clearly posted as private property with "No Trespassing" signs. Collection of samples at these entry points was abandoned on this date. If OCP determines sampling in these locations is necessary, advanced communication with property owners to secure access must be pursued through other means.

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JBA and OCP personnel observed containment measures to [redacted] after the sampling was completed. A harbor boom, soft absorbent booms, and pad sweeps were observed were observed between [redacted] and the first underflow dam. A second underflow dam was completed approximately 200 feet downgradient of the initial dam. Significant ponding was observed upstream from the second underflow dam and absorbent materials on the upstream side of the dams were in place to capture any migrating fuel. According to JBA personnel, the underflow dams maintained their integrity and operated appropriately during the rain event on April 19, 2026.

Additional containment measures were observed to [redacted]. Petroleum odors remain present at the outfall to Piscataway Creek. Absorbent pads near the outfall exhibited petroleum absorption, indicating the presence of liquid phase hydrocarbons. A vacuum truck event was performed prior to OCP's arrival at the outfall and will continue during the afternoon. Suspected petroleum mousse was observed near the outfall. Two additional harbor booms were installed since OCP's site visit on April 17, 2026. Harbor booms were installed to [redacted] of the concrete weir constructed in Piscataway Creek.

JBA personnel verbally notified OCP of the intent to perform a flushing event in the storm drain [redacted] Row [redacted] on April 22, 2026. JBA will continue to update OCP personnel on the plans of the flushing event. OCP plans to attend the flushing event on April 22, 2026, and will coordinate with JBA personnel on the site visit.

Based on the observations during the April 20, 2026, site visit, OCP has the following additional requirements:

1. Install additional containment measures to [redacted] the base security fencing. Additional containment must incorporate, at a minimum, multiple soft booms and absorbent sweep to increase surface area recovery capabilities during increased flow events.

2. Continue **weekly** sampling of Piscataway Creek at the GPS locations identified in the 4/13/26 Report of Observations. Surface water samples must be analyzed for full suite VOCs, including fuel oxygenates, naphthalene, perchloroethylene and trichloroethene, using EPA Method 8260, TPH-DRO and TPH-GRO using EPA Method 8015 and PFAS targeted compounds list established in EPA Method 1633.

3. Immediately begin providing a product recovery summary table with each daily update. Recovery totals must be tabulated to report total fluids recovered, total LPH thickness, petroleum impacted water thickness, total daily calculated gallons of LPH recovered, total daily calculated gallons of petroleum impacted water recovered, and total cumulative recovery of LPH and petroleum impacted water.

4. After the vacuum truck and frac tank are gauged each morning, the vacuum truck must be emptied prior to beginning the next recovery event. This will provide for more accurate gauging of the vacuum truck to be able to accurately quantify the LPH recovery each day.

5. OCP will share the April 20, 2026, sampling results with the JBA team, when available. Based upon the review of these results MDE may require additional sampling points.

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:** ☒ **Email:** [redacted] **Person Interviewed (print):** [redacted]
Signature: 	**Signature**:
Date: April 21, 2026	**Date:**