

FACT SHEET

**Site Investigation At:
Rhode Island Air National Guard Base,
Petroleum, Oil and Lubricant Yard,
18 Hercules Drive, North Kingstown,
Rhode Island 02856**



The Site was previously marshland subsequently filled in and levelled in the 1940s. The Site was part of U.S.

Naval Reservation and Quonset Point Naval Air Station until 1974 and was subsequently operated by the Rhode Island Air National Guard. It is now used for bulk aviation fuel storage.

On 2 September 2021, evidence of petroleum, oil and lubricant (POL) releases were observed on the ground surface to the north of the reclamation above ground storage tank (AST) connected to the bulk aviation fuel tanks. The prior day, heavy rains associated with Hurricane Ida occurred at the Site. Fuel personnel were inspecting the POL Yard and observed petroleum staining with a strong odor in the area of the reclamation AST. The area of staining observed was approximately 11 feet (ft) by 15 ft. A Notification of Release was submitted to RIDEM at the Petroleum, Oil & Lubricant Yard (POL) dated September 2021.

Three rounds of soil excavation between 5 October 2021 and 11 May 2022 resulted in removal of a total of approximately 777 tons of contaminated soil. This was followed by a Site Investigation involving sampling of environmental media including soil and groundwater between 11 and 19 July 2022. Impacts exceeding the Rhode Island Department of Environmental Management (RIDEM) Rules and Regulations for the Investigation and Remediation of Hazardous Material Releases (Remediation Regulations) Residential Exposure Criteria (RDEC), Industrial/Commercial Exposure Criteria, and GB Leachability Criteria were observed in soil. Exceedances of the GB Leachability Criteria indicate the potential for soil contamination to mobilize to groundwater. However, no exceedances of the RIDEM GB groundwater objectives have been observed in groundwater during all groundwater monitoring conducted to date.

The Site Investigation Report proposes institutional controls since contaminated soil in excess of the RIDEM RDEC criteria will be left in place. The implementation and completion of the remedial action proposed in the Site Investigation Report will bring the Site into compliance with the RIDEM Remediation Regulations.