



MOOREBANK INTERMODAL TERMINAL DEVELOPMENT

PER- AND POLY-FLUOROALKYL SUBSTANCES ASSESSMENTS AND MANAGEMENT

EP Risk was engaged by Tactical Group Pty Ltd on behalf of Logos Property Group Pty Ltd (Logos) to provide expert services associated with Per- and Poly-Fluoroalkyl Substances (PFAS) at the Moorebank Intermodal Terminal Development project which comprised for Defence land.

The Site is currently being redeveloped into the Moorebank Intermodal Terminal Development (MITD) and comprises land within a developable area, for construction and operation of the Intermodal Terminal (IMT), and land reserved as an offset and conservation area. The Site has been owned by the Commonwealth Government since 1913, used as a Defence facility since the 1940s, and is approximately 190 hectares (ha) in area. Historically contaminating activities at the Site include the use of fire-fighting chemicals for training purposes.

PROJECT OUTCOME

EP Risk has been the PFAS expert at the Site since 2017 and has been responsible for multiple rounds of contaminated land investigations, delineation assessments, and preparation of Human Health Risk Assessments and Long-Term Environmental Management Plans.

SERVICES PROVIDED

- Review of previous environmental reports and provision of a technical memo.
- Site-wide PFAS soil contamination assessments (approximately 400+ sampling locations).
- Groundwater and surface water assessments. Including routine Groundwater Monitoring (~120 monitoring wells).
- Linear Hydraulic Conductivity Assessment comprising a 1.5 km transect.
- Laboratory bench scale trials and Technical specifications for treatment.
- Long-term Environmental Management Plan (LTEMP) for:
 - Chlorinated hydrocarbons;
 - Petroleum hydrocarbon; and
 - PFAS; and
 - Asbestos.

CLIENT

Tactical Group Pty Ltd on behalf of Logos Property Pty Ltd

LOCATION

Moorebank, NSW

CONTRACT VALUE

\$2 million