



**Project: FORMER FOUNDRY AND ADJOINING ELECTRICAL
WAREHOUSE**

Investigation and Remediation

Location: Waterloo, NSW

Client: IPM Pty Ltd

Highlights

- Former foundry
- Soil and groundwater contamination assessment
- Preparation of Remedial Action Plan and Environmental Management Plan
- Supervision of remedial works
- Validation of remediated site.

Background

C. M. Jewell & Associates Pty Ltd was commissioned by the owner of the property to investigate soil and groundwater contamination prior to redevelopment, and retained to provide waste classification and site validation sampling services during the site redevelopment process.

Hydrogeological Environment

Fill material overlying Botany Sands.

Contaminants

Heavy metals, petroleum hydrocarbons and PAH were identified on site.

Objectives and Scope

A Stage 1 study was completed, comprising a historical, geological and hydrogeological review and a walk-over assessment.

A detailed Stage 2 study was then undertaken, involving soil sampling, installation of groundwater monitoring wells, and groundwater sampling.

A Remediation Action Plan was prepared and the site remediated and validated for its proposed use, which was high-density residential, with minimal opportunity for soil access.