

MULTI-STOREY DEVELOPMENT

Previous site investigations at a multi-storey residential development in North Sydney identified elevated levels of lead, along with friable asbestos within fill material. Initial recommendations proposed excavation and disposal of a minimum 800 mm of fill material across the entire site, representing a significant remediation cost early in the project.

Concerned about the financial and program implications, the developer engaged BBN Consulting to review the existing investigations and assess whether a more targeted remediation approach was achievable.

01. PROJECT CONSIDERATIONS

- » Existing remediation recommendations were based on broad assumptions rather than clearly defined boundaries
- » Additional sampling was required to accurately delineate the extent of lead and asbestos impacts
- » Tight timeframes, with the client requiring rapid turnaround of sampling results and reporting to avoid delays to the program

02. VALUE DELIVERED

- » Reduced proposed remediation costs by \$160,000 compared to earlier estimate.

03. OUR APPROACH

Following a review of previous site investigations, BBN identified that contamination was likely limited to discrete hotspot areas. We provided alternative remediation options and were subsequently engaged to undertake targeted delineation sampling and prepare a revised Remediation Action Plan (RAP). Sampling confirmed the contamination was limited in extent, significantly reducing the scope of removal and disposal.



VALUE

\$100K

LOCATION

SYDNEY
NSW

SERVICES

- » CONTAMINATED LAND ASSESSMENT
- » DELINEATION SAMPLING
- » REMEDIATION ACTION PLAN
- » SOIL CHARACTERISATION
- » WASTE CLASSIFICATION