

Managing hazardous materials

As part of the New M5 project, some existing buildings and structures will be removed at construction sites in Kingsgrove and St Peters. In some instances, these activities will require the removal of hazardous materials.

What hazardous materials might be present?

It is common to find hazardous materials in older buildings.

The main hazardous materials that may be present in buildings are asbestos, lead, Polychlorinated Biphenyls (PCBs) and synthetic mineral fibres.

Asbestos

Asbestos was widely used in a range of buildings and construction materials up until 1987. There are two main types of asbestos:

- **Bonded asbestos.** This is the most commonly found asbestos in the built environment. It is interwoven within materials such as cement or resin binder and, under normal circumstances, is unlikely to become airborne. Examples include roofing materials, ceiling tiles, floor tiles, cement sheeting, gutters, rainwater pipes and water tanks.
- **Non-bonded asbestos.** This type of asbestos can be crumbled or reduced to powder by hand pressure when dry and is easier to release into the air when disturbed. Examples include insulation around pipes and electrical equipment and sprayed insulation.

Lead

Lead is a hazardous metal commonly found in paint, plumbing and lead glass windows.

Polychlorinated Biphenyls (PCBs)

PCBs are a set of persistent organic chemicals commonly found in electrical work.

Synthetic mineral fibres

Synthetic mineral fibres are commonly found in insulation and air conditioning ducts.

How are hazardous materials identified?

Hazardous material surveys are undertaken in all buildings before property clearing and removal starts. The surveys are completed by qualified hygienists and involve identifying any hazardous materials present in the building. The hygienists then register the material in accordance with legislative and regulatory requirements and prepare control measures so the material can be safely removed.

If potentially hazardous material is encountered during the work that has not been previously identified, work is immediately stopped so the material can be further assessed.



Easing
congestion



Creating
jobs



Connecting
communities

How are hazardous materials managed?

Building removal will be undertaken in stages, with the first stage of work involving the careful removal and/or treatment of hazardous materials.

The New M5 project works with the Environment Protection Authority (EPA) and SafeWork NSW to ensure management and removal of hazardous materials is carried out in accordance with the relevant environmental and health obligations and legislative requirements.

What safety measures will be in place?

The inspection, identification, testing and management of hazardous material is undertaken by appropriately qualified hygienists, assessors and licenced contractors.

The safety of the public and our workers is our utmost priority. Safety procedures implemented during the removal of hazardous material will include:

- air quality monitoring
- installing signs, barriers and temporary fencing around areas containing hazardous materials
- monitoring of asbestos removal by a hygienist
- using water sprays to suppress dust
- registering, removing, treating and disposing of the hazardous material in accordance with relevant environmental and health and legislative requirements.

For more information

If you would like further information about the management and removal of hazardous materials, please call **1800 660 248** and ask to speak to a member of the New M5 community engagement team or email

info@newm5.com.au.



We speak your language

ENGLISH

To learn more, simply visit westconnex.com.au/yourlanguage. Need an interpreter? Call the Translating and Interpreting Service on **131 450**.

ARABIC

لمعرفة المزيد، ما عليك سوى زيارة westconnex.com.au/yourlanguage. بحاجة إلى مترجم؟ اتصل بخدمة الترجمة الكتابية والترجمة الشفوية على الرقم **131450**.

CHINESE

如需了解更多详情，请访问westconnex.com.au/yourlanguage。如需翻译，请拨打翻译与口译热线**131 450**

GREEK

Για να μάθετε περισσότερα, απλά επισκεφθείτε το westconnex.com.au/yourlanguage. Χρειάζεστε διερμηνεία; Καλέστε την Υπηρεσία Μεταφραστών και Διερμηνέων στο **131 450**.

HINDI

अधिक जानने के लिए केवल westconnex.com.au/yourlanguage पर देखें। क्या आपको दुभाषिण की जरूरत है? अनुवाद व दुभाषिया सेवा को **131 450** पर फ़ोन करें।

ITALIAN

Per saperne di più, vai semplicemente al sito westconnex.com.au/yourlanguage. Hai bisogno di un interprete? Chiama il servizio d'interpretazione e traduzione al numero **131 450**.

KOREAN

더 자세히 알고 싶으시면, 바로 westconnex.com.au/yourlanguage 를 방문하시면 됩니다. 통역사가 필요하십니까? 번역 및 통역 서비스에 **131 450**으로 연락하십시오.

VIETNAMESE

Để biết thêm, chỉ cần tới trang mạng westconnex.com.au/yourlanguage. Cần thông dịch viên? Hãy điện thoại cho Dịch vụ Thông Phiên Dịch ở số **131 450**.