

LISMORE PUMP STATIONS

BBN Consulting supported Alder Group on the Lismore City Council Flood Restoration Portfolio, completing targeted soil sampling and in situ waste classification for the Snow Street and CBD Transit Centre pump station works. The assessment helped define contamination risks, determine whether material could be reused or required disposal, and guide practical recommendations for construction.

01. PROJECT CONSIDERATIONS

- » Potential contamination within fill material, including elevated benzo(a)pyrene at the CBD Transit Centre site
- » Required detailed testing to avoid over classifying suitable material as waste
- » Testing results required interpretation against construction plans and proposed excavation depths

02. VALUE DELIVERED

- » Helped save Council circa \$500K in landfill disposal fees
- » Identified where contamination was present, rather than over classifying the full site
- » Enabled large volumes of suitable material to be classified as ENM for beneficial reuse
- » Reduced the volume of soil requiring landfill disposal
- » Supported practical construction planning through clear waste classification advice

03. OUR APPROACH

BBN completed targeted soil sampling and interpreted results against the construction plans. At Snow St, this allowed suitable material to be classified as ENM, avoiding unnecessary landfill disposal. At the CBD Transit Centre, further sampling identified limited benzo(a)pyrene impacts, allowing contaminated material to be segregated from clean material.



VALUE

\$10K

LOCATION

LISMORE
NSW

SERVICES

- » TARGETED SOIL SAMPLING
- » IN SITU WASTE CLASSIFICATION
- » CONTAMINATED LAND ASSESSMENT
- » SITE SUPERVISION