



PROJECTS

CONTAMINATED LAND & GROUNDWATER

Preliminary Site Investigation, former flour mill site in Cockburn for Agricultural Producer

Contam 20



A preliminary site investigation was conducted at a industrial site to assess the impact of past and current site operation on groundwater quality. Data on

- geology
- hydrogeology
- geography
- past and current site operations

was collated and reviewed and a walk over survey conducted.



Soil samples taken at the site indicated the potential for contamination to have arisen from current site operations. A review of the historical past site operations identified former nutrient rich effluent from starch production had been discharged under license to shallow and deep bores beneath the site with the off-site migration of a nutrient rich contaminant plume. Potential asbestos containing materials were also observed in buildings, together with disused diesel underground storage tanks.



A detailed Sampling and Analysis Plan (SAP) was prepared

- Recommendations were made for:
- A detailed site investigation;
 - Removal of the USTs, and validation of soil and groundwater beneath the tanks
 - An ACM survey of the remaining buildings.

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