



Landfill Gas Risk Assessment

CLIENT: Department of Education

Local Authorities are increasingly requesting Landfill Gas Risk Assessments for projects that are located on or adjacent to former landfills.

S5 Environmental have recently undertaken Landfill Gas Risk Assessments for new buildings adjacent to landfill sites in the Brisbane City Council Local Government Area. In these cases the former landfills had closed down in the mid to late 1980s, but were still generating gases 30 years later.

The Risk Assessments completed by S5 Environmental looked at the design of the proposed buildings, the gases being generated by the former landfill – methane and carbon monoxide – and the potential pathways for the gases to migrate from the landfill to the new buildings.

By combining this review of site conditions with a site walkover and the monitoring of pits and sumps on site where gases may build up, it was possible to demonstrate that the risk to the proposed buildings was minor or non-existent.



Project Overview
Ferny Grove State High School

Project Value
AUD \$13.6M
S5 Environmental fee \$6k

Services
~ Landfill Gas Risk Assessment

Completion Date
January 2019