

Virtual Curtain – Case Study



Driving Gas Vent Chimneys



Gas Venting & Dilution Duct

Project:	East Point Business Park
Location:	East Point Business Park, Dublin Docklands
Contractor:	Pierse Contracting Ltd.
Consultant Engineer:	O'Connor Sutton Cronin
Architect:	Scott Tallon Walker

FLI Environmental was commissioned to design and install a suitable vertical, in-ground gas barrier to intercept and safely vent gasses either moving on or off the site.

Ground gases (methane and carbon dioxide) were being generated from contaminated soils beneath the site and therefore a barrier was required to protect the development. FLI selected the Virtual Curtain because it allowed the system to be installed without the requirement to remove contaminated soils from site at potentially high cost. As can be seen from the photograph above, the Virtual Curtain was installed within just 500mm of the fence line; this could not have been achieved with a conventional vent trench excavation.

FLI Environmental delivered a fully designed site-specific solution with appropriate PI coverage. This solution provided all parties with the reassurance of a single point responsibility.