



25 June 2020

Project No. 19126590.L07.A.6

ESB Networks

Engineering and Major Projects
 One Dublin Airport Central
 Dublin Airport
 Cloghran
 County Dublin
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RE ESB SITE 7 INCHICORE – POOLBEG ONE 220 KV CABLE OIL LOSS: RECOMMENDATIONS

To whom it may concern

ESB Engineering and Major Projects (ESB) commissioned Golder Associates Ireland Limited (Golder) to complete a Preliminary Site Assessment (PSA) for historical loss of fluid from a high voltage (220 kV) cable run located between Inchicore and Poolbeg One ('Site 7') (hereafter referred to as the 'Site').

The PSA was produced in-line with current EPA guidance (*Guidance on the management of contaminated land*, 2013). The findings of the PSA were presented in our report reference 19126590.07.A.7 dated 25 June 2020.

The PSA identified potential pollutant linkages which in Golder's professional opinion requires further investigation and assessment. A summary of our findings for this Site and the recommendations required to assess these findings are presented below.

Summary of Findings and Recommendations

Potential pollutant linkages have been identified that could impact human health and/or controlled waters receptors as follows:

- There is a moderate potential risk that residents in basement apartments and workers in basement offices or cellars close to the spill location could be exposed to vapours.

Golder recommends:

- A vapour phase monitoring programme in the basement (original spill location) to assess potential vapour phase concentrations of LAB.

We recommend that vapour phase monitoring is undertaken to demonstrate that potential receptors are not exposed to vapours i.e. establish that this pollutant linkage is not present.

The PSA should be reviewed and updated to evaluate the residual potential risks identified after the investigation is completed (as per EPA guidance).

Golder is happy to assist with the scoping of such an investigation if needed

Yours sincerely,

Golder Associates Ireland Limited

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Geo Environmental Engineer

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Geo Environmental Director

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