

Electricity Supply Board
 One Dublin Airport Central
 Dublin Airport
 Cloughran
 Co. Dublin

10 January 2020

Our Reference
 PR-427640

Preliminary Site Assessment - Site 1 Camden Row – Newmarket 38 kV

AECOM Ireland Limited (AECOM) completed a Preliminary Site Assessment (PSA) of a cable fluid leak at an above ground fluid pumping station on Camden Row, Dublin 2 on behalf of Electricity Supply Board (ESB). The PSA report was issued on 10 January 2020 (Report Ref. PR-427640_ACM_RP_ENV_002_8). AECOM understand that ESB has undertaken these works on behalf of ESB Networks.

It is estimated that 244 litres of cable fluid was released over a nine year period between May 2010 and May 2019. It is assumed, based on information provided to AECOM by ESB, that the fluid lost was a mixture of LAB and mineral oil based products. Due to its high biodegradability, lower volatility and low solubility, it is considered that LABs are of less concern for adverse environmental impact than mineral oil based products. Given that there is potential for a mixture of both types of cable fluids to have been used at this site, potential contaminants of concern have been identified.

A summary of the source audit findings is as follows:

Table 1 Area of Potential Environmental Concern

Number	APEC	Potential Contaminants of Concern	Potential Media Impacted
1	Leak at (1) Camden Row – Ringsend 38 kV (May 2010 – May 2019)	LABs TPH BTEX VOCs SVOCs PCBs	Soil Groundwater Soil Vapour Ground Gas

The preliminary CSM developed for the site looked at potential SPR linkages identified during the assessment works and found that potential risks were considered to be low. Based on these findings, further assessment is not considered to be required as no viable SPR linkages have been identified.

There is an aesthetic impact due to the staining of the pumping station walls and grave headstones. A suitable contractor should be appointed to clean these surfaces where possible. Otherwise, it is considered that no further assessment works are required for this site.

Yours sincerely,

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