

- What is the construction of the pipework that failed? Has its suitability for the type of effluent being conveyed been checked?

The construction of the pipework is stainless steel and clay resin lined, both of which are suitable for the type of effluent being conveyed. I have amended the Appendix 1 from our Schedule 5 submission to include identification of the drain construction.

We have a replacement programme in place for upgrading existing clay resin lined drains with stainless steel which is the new site standard for new and upgraded effluent drains. Over the past 10 years we have replaced approximately 90% of the clay resin lined drains with stainless steel.

Our capital plan for the fractured drain is to abandon it and construct a new drain following a different route.

The temporary over pipework we have installed is fit for purpose and is flushed through with fresh water daily. It is only in use for 54 minutes a day and for the remainder of the day has no effluent passing through it.

- Has a CCTV survey of the effluent drains been undertaken, either in response to the leak or previously during routine drainage reviews/ maintenance?

Yes a CCTV survey has been completed. We did this when we had isolated the drain that we believed to be the source of the problem. The CCTV survey did show, although not clear, a possible fracture at the interface of the two drain construction types.

- Are periodic drainage surveys carried out covering high-risk areas of the site where effluent or other polluting liquids are stored or transported via underground pipework? If so what do these involve?

Yes we complete CCTV surveys on our drainage system on an ad hoc basis. We recognise a more structured approach would be an improvement so we will divide up the drainage network and survey the system accordingly going forward.



	Stainless steel drain
	Clay resin lined drain