

PROGRESS NOTE :

Project:	Frodsham Cemetery e	
Date:	31.05.2019	
By:	Claire Halestrap	Project No: 045-03
Circulation:	Town Clerk, Frodsham Town Council	
No	ITEMS	All actions in Bold
1,0	Project Design	
	<i>Site Drainage</i>	
1.1	Drainage of the site continues to be an issue. The site was originally designed and constructed in the mid 1990's. From examination and consideration of the drawings prepared at the time it is assumed that it was intended that a second carriageway loop (complete with drainage) linking into the existing carriageway loop would be constructed when additional burial space was required, and funds allowed.	
1.2	Legislation since the mid 1990's, namely the Flood and Water Management Act 2010 mean that changes to existing discharge rates can't be made without a S106.	
1.3	The current situation is that there is no United Utilities surface water drain or combined sewer in the B5393, there is only a Foul sewer.	
1.4	It is not known if the surface water drainage from the existing cemetery goes into the United Utilities foul sewer or into another surface water drain in the vicinity owned by another party eg Cheshire West and Cheshire Highways.	
1.5	If the connection is into the foul, United Utilities have stated that they will not permit any increase in discharge however small.	
1.6	Do note - United Utilities will permit any existing illegal connection to remain	
1.7	Our engineer has informed us that proposed additional discharge rates are small at approx. 0.4l/s	
	<i>Landform and layout</i>	
1.8	A revised landform and levels are currently being finalized, and a location for a soakaway being agreed.	

2,0 Next Steps

Option 1

- 1.1 Try and trace the drains to see where they drain to, a cost was given for this as part of our original quote £1000, but not added to the commission. The downside with this approach is:
- that if the sewer/drain is blocked and unable to survey, the survey would be abandoned and therefore make the trace inconclusive. A JetVac could clear the blockage, but at an additional cost of £750+ (minimum),
 - tracing may just prove that the drains go to the foul (which will then require option 2)
 - even if tracing proves that there is a connection to a surface water drain, it is by no means guaranteed that the owner of the drain will allow increased flow however small.

Option 2-Preferred Option

- 1.2 Design a soakaway on site to take the drainage. Consideration for providing a soakaway are:
- Soakaways are difficult to locate in a cemetery. Environment Agency Guidelines state that burials must be located 10m from a drain/soakaway. There is also a duty not to pollute groundwater.
 - An infiltration test will be required for the soakaway design, an outline quotation for an infiltration test has previously been given £1,250.
- 1.3 Virtually all current guidance states considers that draining to a soakaway is the preferable method for discharge of surface water.