

25TAY078/L1/BL

13th March 2026



Dear Chloe,

RE GLEN DIMPLEX INFILTRATION POTENTIAL

We have been requested to provide a formal response to Knowsley Metropolitan Borough Council in relation to the comments issued by the Lead Local Flood Authority (LLFA) dated 4th of March 2026. The comments provided are in relation to planning application reference 25/00672/FUL.

In order to do this, the following reports have been reviewed:

- Email from E3P containing chemical test results of groundwater sampling of BH201 and surface water sampling of culvert outfall (Test report: 25-048803-1 dated: 11/09/2025)
- E3P (April 2025) 'Phase II Geoenvironmental Site Assessment' Report ref: 17-500-R2-1' (*Relates to SI undertaken within internal structure*)
- E3P (11th February 2025) 'Internal Site investigation – Preliminary Summary. Glen Dimplex, Prescott'. Ref: 17-500-L4-1
- E3P (November 2024) 'Controlled Waters Risk Assessment. Glen Dimplex, Prescott', Ref: 17-500-L3-1
- E3P (June 2024) 'Phase I and II Geoenvironmental Site Assessment', Ref: 17-500-R1-2
- Topographical survey and utility surface watercourse location mark up

Ground conditions encountered on site were generally made ground (generally <1m up to 3m) over stiff glacial clay, overlying the sandstone Principal Aquifer at between 5-15m.

High perched bodies of water/groundwater were encountered within post fieldwork monitoring minimum depth being 0.6metres below existing ground level.

Potential VOC contamination along with metals has been encountered within the shallow groundwater on site. At present a DQRA is being compiled along with additional ground investigation on the site to assess this further.

Given the cohesive ground encountered on site, high ground water and potential contamination issues on site, the use of infiltration as a surface water drainage option is not deemed to be viable.

Further, given the potential for migration of contamination on site, undertaking infiltration tests on site currently is not advised.



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We trust this information is sufficient for your immediate requirements, if you have any queries, please let me know,

Yours sincerely

Beverley Lewis
Director
BETTS GEO ENVIRONMENTAL



