



Sandilands Primary School, Wythenshawe

UU/LLFA COMMENTS & RESPONSES

7th June 2024



AJP Ref: 222-171

PREPARED BY JAMES ROGERS

Number	Comment	AJP Response
1	Evidence from investigations to disprove feasibility of watercourse connection.	This is in our FRA with a detailed explanation, picture evidence and a meeting with the LLFA on May 15th 2023 confirming the 'watercourse' is not suitable for connection.
2	The LLFA require a finalized drainage layout showing all components, outfalls, levels and connectivity.	See drainage construction issue from 26.04.2024 and subsequent updates.
3	Please provide proposed levels plan.	Levels have been set out by Ellis Williams drawing SRP1034-EWA-ZZ-ZZ-D-L-9003.
4	Package pump station details not provided. Surface rising main details labelled as "TBC".	Pump station details and spec now captured on AJP drawings.
5	United Utilities advise risk of sewer surcharge, page 95 of the document Flood Risk & Drainage Strategy Report. Submission must present evidence of any required measures to mitigate the risk of public sewer surcharge to the proposed development.	Non return valves have been added to the outfall pipelines to ensure no public sewer surcharge into the proposed private network.
6	Connection out falling from SW06 to SW12 is not hydraulically efficient, please review and update.	No iteration of the drainage design had a connection between SW06 and SW12. Believe this is a null comment.
7	please provide clarity on the purpose of MH SW15? Specifically, what is being drained by this manhole or what function does it serve?	Rodding access for the emergency attenuation tank.
8	Confirmation from tank supplier regarding arrangement and specification. Drawing note specifies: "Tank supplier to confirm if this is suitable or if a concrete cover slab is required".	Tank specs now provided by ACO and cover slab requirement confirmed.
9	We require the 'Exact Details' for MH SW17.	This is captured in AJP drawing SRP1034-AJP-ZZ-00-D-C-1307.
10	MH SW 18 details to be provided.	This is provided by TT pumps Jupiter Dual Package Pump Station.
11	Provide 'Exact details' of pump compound area.	Pump Compound area no longer required.

12	Is the Pre-Development Enquiry still applicable (12-month validity period)? According to United Utilities latest response, if a connection to the combined sewer is necessary, it appears that the proposed flow rate does not align with the one previously indicated in the Pre-Development Enquiry. Please clarify	I have contacted UU and this has now been renewed under the same conditions.
13	Details of remediation works, is the outfall line suitable?	Proposed outfall pipeline of the existing sewer to be jetted and rodded to clear existing debris before being discharged into.
14	The LLFA require a UU S106 approval in principle.	UU have been contacted and have agreed a S106 in principle. This can be submitted the second we get the drainage conditions signed off.
15	Please ensure that any modifications made to the layout are accurately reflected in the hydraulic calculations.	The hydraulic model is up to date to match the latest drainage layout.
16	Please provide clarification regarding the rationale behind referencing a storm event of 1 in 200 +40%, while the system is designed for a storm event of 1 in 100+45% cc?	No reference to the 1 in 200-year storm event. Believe this is a null comment.
17	Provide details of MH SW17, MH SW18.	See comment 9 & 10.
18	Provide Exact details of pump compound area. Flow control / pump station details to be provided.	See comment 10 & 11.
19	Please provide site specific details for all tanks. Is the concrete slab required?	See comment 8.
20	Please include site specific construction details for permeable paving including levels and construction depths.	Captured in AJP drawing SRP1034-AJP-ZZ-00-D-C-1305.