

Application no: 22/01683/F

Location: Unit 7, Oxford Technology Park, Technology Drive, Kidlington, OX5 1GN

Lead Local Flood Authority

Recommendation:

Objection

Key issues:

- Clarify how the drainage strategy follows SuDS guidelines of discharging surface water.
- Provide flood risk assessment of the proposed site.
- Provide surface water catchment plan.
- Provide flood exceedance plan.
- Provide maintenance requirements of all SuDS.
- Provide calculations for all drainage infrastructure and SuDS features.
- Provide pipe numbering on the drainage plan.
- Provide construction details of the proposed SuDS
- Provide infiltration testing results

Detailed comments:

Provide drainage compliance report, clearly demonstrating the drainage network follows the surface water discharge hierarchy and the surface water treatment hierarchy.

Provide flood risk assessment, clearly identifying all flooding risks from the different sources and how it will be mitigated.

Provide surface water catchment plan, clearly showing the extent of the impermeable areas and stating the area. Clarify whether 10% urban creep has been allowed for.

Provide surface water flood exceedance plan, demonstrating all surface water will be kept away from structures and within the site boundary.

Provide maintenance regime of the proposed SuDS, and identify the party that will conduct the maintenance.

Provide calculations for the whole drainage network for all storm events up to and including the 1:100 year storm event plus 40% climate change.

Provide pipe numbering on the drainage drawing.

Provide SuDS construction details.

Provide infiltration testing results according to BRE 365.

Officer's Name: Kabier Salam

Officer's Title: LLFA Engineer

Date: 24/08/2022