

Ecology response for Cond 11 DC/23/94483 Land North West of Winchester Road, Boorley Green, Hampshire, SO32 2BX,

Discharge of condition application following permission O/15/75953 as amended by X/19/84943 for condition 11 (Sustainable Drainage Scheme) for Boorley Gardens Phases 3B, 3C & 3D only.

Please could you comment on the various pieces of amended/additional information submitted since your previous consultation response.

Liz Harrison

30/10/23

The Amended Drainage Statement by PFA (Phase 3, Issue 2, March 2020) in section 3.1 states that for Basin D *The design of the basin will satisfy the criteria of 1 in 100 year rainfall event plus 40% for climate change... and that the location and layout of the basin is such that during an extreme rainfall event beyond the design event, natural exceedance route is towards the Moorgreen Stream located on the northern boundary, which is the point of discharge for all basins.*

However, the Main Drainage Sheet 1 of 2 (M380/114) (rev G July 2023) shows an area of potential flooding during a 1 in 100 year plus 40% for climate change rainfall event. These 2 areas are labelled S3015 and S 3100. The extent of the predicted floods would cover the area around the houses at plot 495 and 591 and driveways, roadways and footpaths. This is not acceptable; the risk of flooding must be negligible. The Phase 3 Exceedance Flow Routes (sheet 1 of 2, Rev D, May 2023) in this area shows flows moving towards Basin D, so what would cause potential flooding?

It is not clear how the exceedance flows are expected to work in Phase 3D as it appears that the water flow would enter the site along the roadway from the phase to the north (1F) and then exit the site to the same area of vegetation that it already crossed on the way in. Is it possible to have exceedance flows from the north enter this vegetation directly?

How will exceedance flows from 3C (Amended Sheet 2 of 2, Rev C, August 2022) affect the area to the south of Phase 3C (2B)? We really need to see the bigger picture to determine whether this exceedance could cause flooding in other phases.

Additional issues may be raised by the LLFA response.

Lisa Malter

Ecologist