

**Consultation Response from KC,
Lead Local Flood Authority**

2023/90237 Park Gear Works, Park Road, Lockwood, Huddersfield, HD4 5DD

Discharge of condition 10 (drainage strategy) of previous permission 2020/91894 for demolition of existing building and erection of engineering building with associated external works

Date Responded: 30/08/2023.

Responding Officer: Martin Stephenson

Responding Ref: 2

Previous response by the LLFA

Dated 20/07/2020 for application 2020/91894.

Dated 20/08/2020 for application 2020/91894.

Dated 17/11/2020 for application 2020/91894.

Dated 17/02/2023 for application 2023/90237.

Emailed response dated 03/04/2023.

Dated 15/06/2023 for application 2023/90237.

Discharge of Drainage Conditions

- No. 10 (drainage strategy).

Documents reviewed by the LLFA:

Avie Consulting Ltd:

- Drawing Ref: DBS-AVE-00-XX-DR-C-0001, Drainage Layout (MA3) Rev C17, dated 03/07/23.
- Drawing Ref: DBS-AVE-00-XX-DR-C-1006, Proposed Impermeable Areas Plan, Rev P01, dated 12/07/23.
- Drawing Ref: DBS-AVE-00-XX-DR-C-0005, Existing Impermeable Areas Plan, Rev P01, dated 12/07/23.
- Document Ref: P3129 – DBS 3 Pumping Sta Storage, MicroDrainage Calcs dated 18/01/2023.
- Document Ref: P3748 – Phase 1, 3 & 4, MicroDrainage Calcs dated 30/12/2021.
- Document Ref: DBS-AVE-00-XX-DR-C-RP01, Proposed SW Drainage Statement, undated.

APS:

- Drawing Ref: EQ5386-152152-100, APS SW Package P Station, Rev B dated 22/05/23.

Drainage Summary:

The Phase 1, 3 & 4 Storage calculations (Ref: P3748) are based on a drained area of 0.71ha, a discharge rate of 71.2l/s (MH S18) and a storage volume of 114m² x 1.2m depth (i.e. 137m³) for the 1 in 100 year plus 30% storm (ref: Page 49). It is stated in the Drainage Statement that the discharge rate has been derived from the combined areas of MA1, MA3 and the future MA4 buildings.

Drawing DBS-AVE-00-XX-DR-C-1006 has a shaded area described as “MA1 Contributing area” but the shading has not appeared on the drawing.

The area used to derive the 71.2l/s discharge rate shown on Drawing DBS-AVE-00-XX-DR-C-0005 is different to the Proposed Impermeable Area shown on DBS-AVE-00-XX-DR-C-1006 (0.949ha) – this discrepancy should be explained further.

Drawing DBS-AVE-00-XX-DR-C-0005 appears to indicate that the area to be demolished is 0.292ha and partially replaced by the new MA4 building – what will happen to the remaining demolished area that is outside of the new building? Is it proposed that this area will drain unattenuated?

Therefore Condition 10 **cannot be** discharge until further information is provided.