

Date: 17 June 2026

Dear Local Planning Authority,

Thank you for consulting the Lead Local Flood Authority on the planning application detailed below, received on 27th May 2026.

STATUTORY PLANNING CONSULTATION RESPONSE

Application Number:	3/2026/0399
Proposal:	Approval of details reserved by conditions 7 (SW drainage), 8 (construction SW management) and 11 (landscaping scheme) of planning permission 3/2025/0852.
Location:	Samlesbury Aerodrome BAE Systems Operations Ltd Myerscough Smithy Road Balderstone BB2 7LF

The Lead Local Flood Authority is a statutory consultee for major developments with surface water drainage, under the Town and Country Planning (Development Management Procedure) (England) Order 2015. It is in this capacity this response is compiled.

These comments are based on the extent of the knowledge of the Lead Local Flood Authority and the information provided with the application at the time of this response. Comments provided in this representation are advisory. It is ultimately the decision of the Local Planning Authority whether any such recommendations are acted upon.

Lead Local Flood Authority Position

The Lead Local Flood Authority **cannot recommend the discharge of condition 7** on planning decision 3/2025/0852 on the basis of:

- The applicant has failed to provide evidence of a 40% climate change allowance applied to the 1in30 year event, as stipulated in the wording of the condition.
- The applicant has failed to provide appropriate evidence to support the proposal that approximately 20m³ of surface water to account for measures to manage the first 5mm of rainfall can be incorporated within the proposed attenuation tank.

Lancashire County Council

PO Box 100, County Hall, Preston, PR1 0LD



The applicant has stated that infiltration is unfeasible on this development (an infiltration rate has not been calculated) but has proposed to design the attenuation tank to be an unlined system, therefore indicating that the first 5mm of rainfall can be managed through infiltration, using the base of the proposed attenuation tank / soakaway to achieve this.

Should the applicant be unable to provide evidence of appropriate infiltration capacity, then the applicant is expected to update the drainage calculations with an appropriate assessment of the attenuation tanks dimensions, thereby excluding the depth between the base of tank (71.550 AOD) and the outlet level (71.650 AOD), which would account for the proposed first 5mm of rainfall volume capacity (tank dimensions 15m x 14m x 0.70m).

- The applicant has failed to provide drainage calculations that account for appropriate coefficients and other parameters, further detail of the expected coefficients and other parameters are outlined in the site -specific advice.
- The applicant has failed to provide evidence of measures to manage the quality of the surface water runoff to prevent pollution and protect groundwater and surface water bodies. The strategy shall include a robust water quality risk assessment, proportionate to the pollution hazard and sensitivity of receiving waters, and shall inform the design of an appropriate SuDS management train.

The Lead Local Flood Authority **recommends the discharge of condition 8** on planning decision 3/2025/0852.

Lead Local Flood Authority Site-Specific Advice

The following comments are provided to support the Local Planning Authority in its consideration of this application. While they do not constitute a formal objection, they highlight areas that may benefit from further attention, either at this stage or in future submissions. These comments are intended to support informed decision-making and encourage the adoption of relevant guidance, standards and best practice.

Section 3.32 and 3.34 of the Defra Technical Standards for sustainable drainage systems clearly outlines that post development runoff should be calculated including coefficients and other parameters, should follow industry best practice, as well as the most up to date rainfall data for the drainage design. Contributing pervious surfaces, including footprints of any SuDS features, should not be ignored.

For the avoidance of doubt the Lead Local Flood Authorities expectations of the above requirements are outlined here;

The proposed drainage system has been designed using default parameters in MicroDrainage. This may result in the system being undersized. The applicant must provide robust justification for all parameters used. Specifically;



- a. Runoff coefficients – Default values of 0.75 / 0.84 have been applied. In line with the [Lancashire SuDS Pro-forma](#) and [accompanying guidance](#), the applicant is expected to apply a runoff coefficient of 1 when modelling impermeable areas.
- b. Maximum Rainfall – The default value of 50 mm/hr has been applied. This parameter should be set to the maximum possible value as it can cap the maximum rainfall intensity able to enter a system so if a modelled storm has an intensity higher than the input value then all water above this is lost.
- c. MADD Factor – A factor of 2.0 (20 m³/ha) has been applied. The default value of 2 assumes that 20m³ of water is lost between hitting the ground and reaching the drainage network from things such as localised depressions and cracks in paved surfaces. For new developments these should not exist so to avoid underestimating volumes entering the drainage network this value should be set to 0.

Accessing Additional Advice

If the applicant wishes to discuss any aspect of this response with the Lead Local Flood Authority, they can choose to do so through our charged for [Lead Local Flood Authority Advice Service](#).

Applicants can also access separate advice from the county council's Highway Authority on how individual developments will impact the highway network via the [Pre-Planning Application Highway Advice Service](#).

What This Response Does Not cover

This response does not assess matters relating to:

- **Other sources of flooding**, including the risk of flooding from rivers (fluvial), the sea (coastal), groundwater, sewers (surface water or foul), highways, canals, and reservoirs.
- **Application of the Sequential and Exception Tests**, which is a matter for the Local Planning Authority.
- **Highways**, including highway drainage, flood water exceedance on the highway, highway adoption (Section 38) and off highway works (Section 278) under the Highways Act 1980.
- **Amenity** as set out in Standard 5 from the National Standards for Sustainable Drainage Systems.
- **Biodiversity** as set out in Standard 6 from the National Standards for Sustainable Drainage Systems.

Material Changes or Additional Information

If any material changes are made to the submitted information, or if additional information is provided after this response that affects surface water management, the Local Planning Authority is advised to re-consult the Lead Local Flood Authority. **Please note this will be treated as a formal re-consultation, subject to a full 21-day response period.** Re-consultations should be sent to our identified mailbox.



If the Local Planning Authority choose to determine the application contrary to the advice provided by the Lead Local Flood Authority, we will be unable to support the application at appeal or at any future discharge of conditions stage relating to conditions we have not recommended.

Please send a copy of the decision notice to our identified mailbox.

Yours faithfully,

Harry McGaghey

Lead Local Flood Authority

