

Neil Thompson

Subject: FW: Application Number: DMPN/2021/1491 - The Cloud Trail Greenway.

From: James Browne (Place) <James.Browne@derbyshire.gov.uk>
Sent: 13 December 2021 15:58
To: Neil Thompson <Neil.Thompson@southderbyshire.gov.uk>
Subject: RE: Application Number: DMPN/2021/1491 - The Cloud Trail Greenway.

Thanks Neil

The LLFA have no further comments.

Kind Regards

James Browne | Senior Flood Risk Technician (MEng, GMICE)

Flood Risk Management

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www.derbyshire.gov.uk/environment/flooding/strategy

[River Basin District Draft Flood Risk Management Plans 2021 to 2027](#)

The public consultation on the Environment Agency's draft Flood Risk Management Plans ends 21st January 2022.

[Provide your views either online or through a downloadable response form.](#)

From: Neil Thompson <Neil.Thompson@southderbyshire.gov.uk>
Sent: 13 December 2021 15:37
To: James Browne (Place) <James.Browne@derbyshire.gov.uk>
Subject: FW: Application Number: DMPN/2021/1491 - The Cloud Trail Greenway.

James,

Does this answer your queries on the above application so that I can make a decision? Thanks.

Kind regards

Neil Thompson
Planning Officer – Service Delivery
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www.southderbyshire.gov.uk





From: Edward Healey <
Sent: 13 December 2021 15:10
To: Neil Thompson <Neil.Thompson@southderbyshire.gov.uk>
Subject: RE: Application Number: DMPN/2021/1491 - The Cloud Trail Greenway.

Hello Neil.

Our engineer has been able to respond in a very speedy manner and I copy his comments for the LLLFA below, which I hope are satisfactory, and he has also offered to discuss further with you/them if that would be helpful?

Comments as follows:

Given the very low volumes of surface water required to be disposed of on any given section of the path there is no need for a positive drainage system here, or on any other section.

*The length of the Cloud Trail which bounds this development is approximately 180m in length; as a proportion of the overall area of the route this is 0.054Ha, or **15%** of the total area of 0.36Ha.*

*The pro rata Greenfield Runoff Rate therefore for this area would be **0.9255l/s** (15% of 6.17l/s) in the 1 in 200 year event scenario. As established previously this is distributed along a length of approximately 180m, so there is very little surface water spread over a very large area – **0.0052l/s per linear metre**. This is fundamentally an infinitesimally small amount of water.*

The existing, substantial, green margins will be more than sufficient to disperse this very small amount of surface water. It should also be borne in mind that the existing path, whilst not a sealed surface, is a compacted material with low permeability, so surface water already is being dispersed to the green margins in flood events.

It is therefore not a case of comparing a greenfield situation to a sealed surface because there is already a manmade structure in place. The actual uplift in surface water runoff as a result of the sealed surface will be far lower in comparison to the existing situation, than it would be if there was no construction to begin with, so the additional 'detriment' is much lower.

Taking the above points into account I do not believe that any surface water flow paths will be established as a result of the proposed sealed surface. We have established that the amounts of surface water are very small, the uplift from the existing situation will be marginal and that the existing green margins will be sufficient to disperse what little surface water there is. Therefore, no additional mitigation will be required.

Regards,

Edward.

Edward Healey
Network Development Manager
East and West Midlands
Sustrans