

Arun District Council
Development Control
1, Arun Civic Centre Maltravers Road
Littlehampton
West Sussex
BN17 5LF

Our ref: HA/2011/111449/01-L01
Your ref: LU/63/11/
Date: 05 April 2011

Dear Sir/Madam

**CONSTRUCTION OF THE "FITZALAN LINK ROAD" BETWEEN THE A259
WORTHING ROAD & THE EAST STREET/FITZALAN ROAD ROUNDABOUT -
THIS APPLICATION AFFECTS A PUBLIC RIGHT OF WAY
LITTLEHAMPTONFITZALAN LINK ROAD LITTLEHAMPTON**

Thank you for consulting us on the above planning application I can confirm we have no objections to the proposal as submitted.

Environment Agency Position

The proposed development will only be acceptable if the following measures are implemented and secured by way of planning conditions on any planning permission.

Condition 1

No development shall commence until such time as a scheme to dispose of Surface Water Drainage has been submitted to, and approved in writing by, the local planning authority. The scheme shall be implemented as approved.

Reasons

The site lies on a Principal Aquifer and must be protected against pollution in accordance with PPS23 and Policies GEN9 and GEN26 of the Arun District Local Plan.

Condition 2

No development shall commence until such time as a scheme to treat and remove suspended solids from surface water run-off during construction works has been submitted to, and approved in writing by, the local planning authority. The scheme shall be implemented as approved.

Reasons

The site lies on a Principal Aquifer and must be protected against pollution in accordance with PPS23 and Policies GEN9 and GEN26 of the Arun District Local Plan.

Environment Agency
Guildbourne House Chatsworth Road, Worthing, West Sussex, BN11 1LD.
Customer services line: 08708 506 506
Email: enquiries@environment-agency.gov.uk
www.environment-agency.gov.uk

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Advice

The applicant states that the surface water is to be disposed of to soakaway. For such a major road infrastructure, appropriate pollution prevention mitigation measures are required to prevent pollution of the Principal Aquifer.

From the indicated proposals, we would prefer a design in accordance with the principles of Sustainable Drainage Systems (SuDs) for surface water disposal, which incorporates the attenuation of pollutants at the source, in this instance within the site boundary. However, we acknowledge the difficulties in respect of layout, space and gradient of the site. It is therefore suggested that options are considered to aid in the improvement of water quality throughout the scheme in accordance with the 'treatment train' which would remove reliance on a single design element such as a soakaway.

SuDs can provide opportunities to enhance and create habitat for biodiversity, improve the quality of surface water run-off prior to entering controlled waters and provide flood storage and prevention within developments.

In relation to flood risk your Councils own Technical Services department should be consulted on the proposed method of surface water disposal. If soakaways are progressed as the means for surface water disposal we recommend that infiltration rates for soakaways to be based on permeability tests undertaken over the winter period and not those done during the drier months. The design needs to be based upon BRE365 and cater for the 1 in 10 year storm between the invert of the entry pipe to the soakaway and the highest recorded water table. It must also have provision to ensure there is capacity in the system to contain below lowest ground level the 1 in 100 year event plus 20% on stored volumes. Therefore the local geological and hydrogeological characteristics of the site will dictate whether soakaways will be applicable and an investigation would be required.

I trust that the above comments are satisfactory but if you require any further information please contact me.

Yours faithfully

Miss Catherine McLeod
Planning Liaison Officer

Direct dial 01903 703858

Direct e-mail PlanningSSD@environment-agency.gov.uk