



# **ADVICE NOTE**

## **AN06:**

# **SURFACE WATER**

<b>REVISION RECORD</b>				
<b>Version</b>	<b>Date</b>	<b>Description</b>	<b>Originator</b>	<b>Checked</b>
	09.08.11	DRAFT	AMD	--
1	27.09.11	FINAL – BOARD APPROVAL	AMD	DJS
2	09.07.13	New logo added	LSQ	DJS
3	18.07.18	Amendments	LSQ	DJS

The Board reserves the right to update or change this living document at any time without notice.

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## **BYELAW 3 - INTRODUCTION OF WATER**

**The Board's Byelaw No 3 states:**

*"No person shall as a result of development (within the meaning of section 55 of the Town and Country Planning Act 1990 as amended ("the 1990 Act")) (whether or not such development is authorised by the 1990 Act or any regulation or order whatsoever or none of them) for any purpose by means of any channel, siphon, pipeline or sluice or by any other means whatsoever introduce any water into any watercourse in the District so as to directly or indirectly increase the flow or volume of water in any watercourse in the District (without the previous consent of the Board)."*

Developers wishing to increase the flow of surface water into any open or culverted watercourse within the Board's District will require the Board's formal consent. Sites discharging to soakaways will not require the Board's consent.

Sites discharging surface water directly to the sea or a Main River will not require the Board's consent, but developers should contact the Environment Agency for further advice.

Agents acting for large scale developments are likely to need to consult the Board, Lead Local Flood Authority, Environment Agency and Local Planning Authority. A suitable route for such discussions is via the East Lindsey Flood Risk and Drainage Management Group which meet bi-monthly.

The following are the Board's general requirements in relation to the discharge of water:

### **DISCHARGE TO SOAKAWAYS**

A method of infiltration that is only suitable in certain parts of the Board's area. The Board recommends soakaways are designed in accordance with British Research Establishment 365 (BRE Digest 365), or other recognised method. The approval of the Local Planning Authority will be required. The Board's consent will not be required for this method of surface water disposal provided it is located a minimum of 9 metres from a Board maintained watercourse. In such circumstances, the soakaway will need to be sited a minimum of 6 metres from a Board watercourse.

## **DISCHARGING TO A PUBLIC SURFACE WATER SEWER**

Drainage systems operated by a third party that cater for surface and/or foul water. Permission will be required from the organisation responsible for the sewer, to discharge into the system at agreed rates. The Board's consent will not be required for this type of discharge unless it will result in an increase of the flow of water within the Board's District.

## **DISCHARGING DIRECTLY TO A PRIVATE WATERCOURSE**

Discharges to private watercourses within the Board's District will require the prior consent of the Board. The outfall structure itself will not require the Board's consent but will require the landowner's permission if the land is in different ownership. The responsibility for maintaining private watercourses may rest with many individuals who will undertake maintenance to varying standards. Therefore, caution should be applied before discharging surface water from larger development sites to private watercourses.

The responsibility for future maintenance and repair of the surface water system and outfall structure must also be secured.

## **DISCHARGING DIRECTLY TO A BOARD MAINTAINED WATERCOURSE**

Discharges to Board maintained watercourses will require the prior consent of the Board to be obtained for the discharge rate and outfall structure. Sites in close proximity to Board maintained watercourses may benefit from a direct connection to a watercourse that is assured a good standard of maintenance.

## **SURFACE WATER DISCHARGE RATES**

The Board recognise the agricultural runoff rate of 1.4 litres per second per hectare. Developers wishing to discharge at rates in excess of this must contact the Board's Officers at the earliest opportunity.

The Board acknowledges a practical minimum achievable controlled discharge rate of 3.0 litres per second.

## **DEVELOPMENT CONTRIBUTIONS**

The Board may in exceptional circumstances be able to accept a discharge rate greater than the greenfield rate where the Board's system has been designed or may be improved to accommodate such flows.

In such cases, a Development Contribution will be required to cover the financial cost of providing the extra capacity.

## **OUTFALL STRUCTURES**

Subject to the Board's formal consent, outfall structures will be acceptable provided:

- An approved recessed headwall and spillway are specified,
- The last 2.0 metres of conduit to the outfall are a continuous manufactured length of material. Where a connection is required the pipes must be rigidly jointed and sealed for a distance of 2.0 metres before the outfall,
- The outfall structure must not protrude beyond the profile of the batter of the bank, and
- The position of the outfall structure is to be indicated by a suitable marker post, which is visible at all stages of vegetation growth.

## **DISCHARGE OF TREATED FOUL WATER**

The principle of discharging treated foul water to private or Board maintained watercourses must first be agreed with the Environment Agency. If this agreement can be reached the Board is likely to accept the flows provided they do not exceed specified rates alone, or in combination with surface water discharges.

## **RAINFALL HARVESTING**

The Board encourages the use of rainwater harvesting. However, the storage used for rainfall shall be separate from, nor used to reduce, the storage required for attenuation.

## **FURTHER GUIDANCE**

The Board has the following documents available:

- Consent Application Form
- Lindsey Marsh Drainage Board's Byelaws
- Planning and Byelaw Policy

The Board has also produced a series of other advice notes including:

- AN01: Buildings, Structures, Planting and Fencing
- AN02: Culverts and Bridges
- AN03: Environmental Considerations
- AN04: Stability of Garden Fences Close to Board Maintained Watercourses
- AN05: Service Crossings

The above documents are available from the Board's office during normal working hours or alternatively, can be downloaded electronically from <http://www.wmc-idbs.org.uk/LMDB/Services/byelaws-and-planning.aspx>

If you would like to discuss any of the information in this document or associated advice notes, please do not hesitate to contact the Board's Planning and Byelaw Officer using the details provided below.

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