

Administrative Boundaries

Main River

Ordinary Watercourse

Areas Susceptible to Groundwater Flooding

Area classification (proportion of each 1km square that is susceptible to groundwater flood emergence). Absence of values for any grid squares means that no part of that square is identified as being susceptible to groundwater emergence. See notes for further guidance.

>= 75%

>= 50% < 75%

>= 25% < 50%

< 25%

NOTES Areas Susceptible to Groundwater Flooding (ASIGWF) is a strategic scale map showing groundwater flood areas on a 1km square grid. It was developed specifically by the Environmental Agency for use by LLFAs for use in Preliminary Flood Risk Assessment (PFRA) as required under the Flood Risk Regulations. The was produced to annotate indicative Flood Risk Areas for PFRA with information to allow LLFAs to determine whether there may be a risk of flooding from groundwater.


The data has used the top two susceptibility bands of the British Geological Society (BGS) 1:50,000 Groundwater Flood Susceptibility Map and thus covers consolidated aquifers (chalk, sandstone etc., termed 'cleanwater' in the data attributes) and superficial deposits. It does not take account of the chance of flooding from groundwater rebound. It shows the proportion of each 1km grid square where geological and hydrogeological conditions show that ground water might emerge. The susceptible areas are represented by one of four area categories (listed above) showing the proportion of each 1km square that is susceptible to groundwater emergence. It does not show the likelihood of groundwater flooding occurring.

In common with the majority of datasets showing areas which may experience groundwater emergence, this dataset covers a large area of land, and only isolated locations within the overall susceptible area are actually likely to suffer the consequences of groundwater flooding.

COPYRIGHT Contains Ordnance Survey data © Crown copyright and database right 2016. Contains Environment Agency data © Environment Agency and database right 2016.


Project Title	COLCHESTER BOROUGH COUNCIL STRATEGIC FLOOD RISK ASSESSMENT UPDATE	
Drawing Title	AREAS SUSCEPTIBLE TO GROUNDWATER FLOODING	
DISCLAIMER This document has been prepared in accordance with the scope of AECOM's appointment with its client and is subject to the terms of that appointment. It is addressed to and for the sole and confidential use and reliance of AECOM's client. AECOM accepts no liability for any use of this document (or any model included or referred to herein) other than by its client and only for the purposes for which it was prepared and provided. No person other than the client may copy (in whole or in part) use or rely on the contents of this document without prior written permission of the Company Secretary of AECOM Infrastructure and Environment UK Ltd. Any advice, opinions or recommendations within this document should be read and relied upon only in the context of the document as a whole. The contents of this document do not provide legal or tax advice or opinion.		
Drawn	SB	Version 1
Checked	EG	Date Aug 2016
Approved	SK	Scale at A3 1:80,000

Client

 Colchester, the place to live, learn, work, and visit.

AECOM Infrastructure & Environment UK Ltd

Scott House  
Ancon Link  
Basingstoke, RG21 7PP  
T +44 (0)1256 310 200  
www.aecom.com



Drawing Number

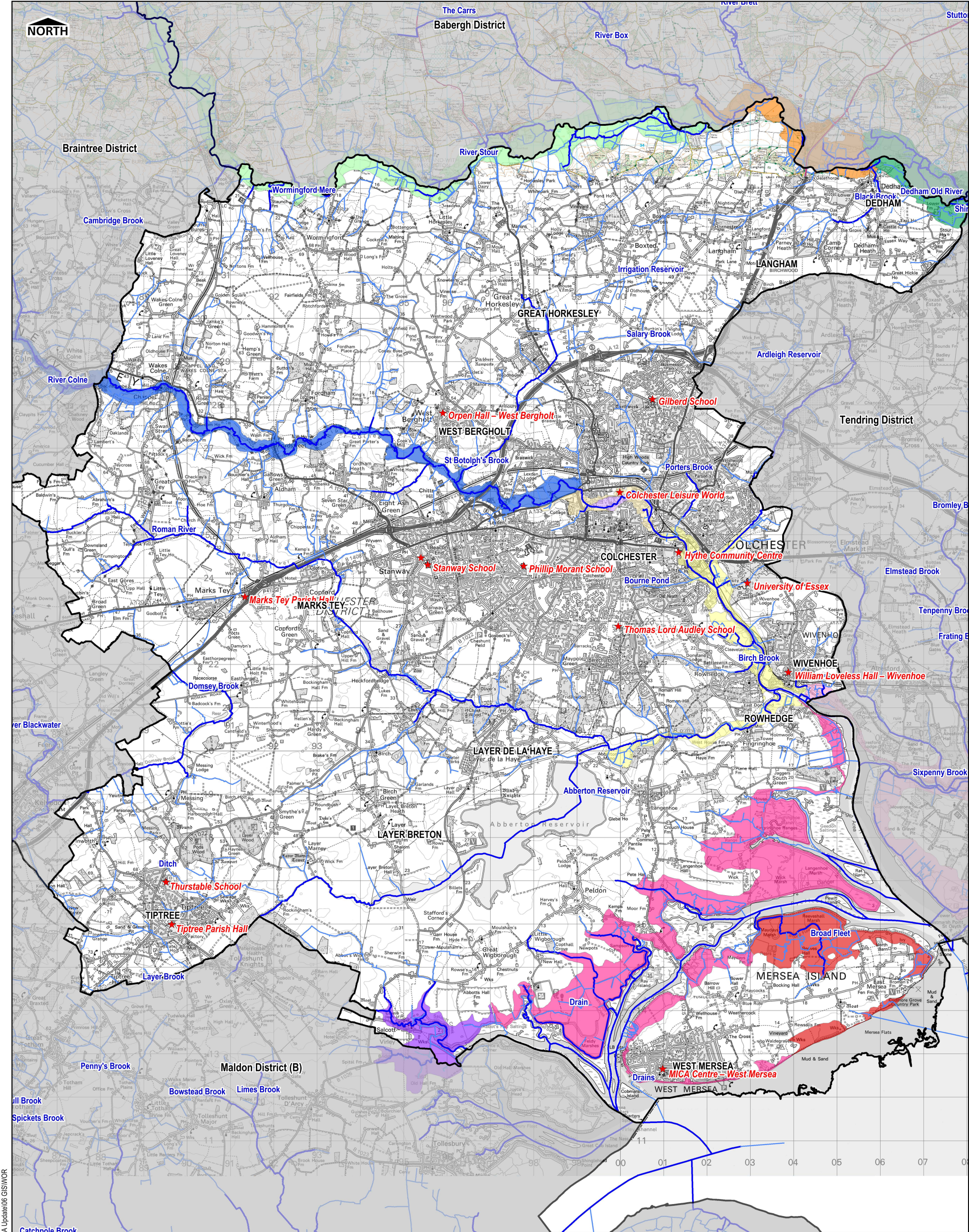
FIGURE 5

Rev

01

N:\Water\Current Projects\47075262 Colchester BC SFRA Update\06 GISWOR





<b>LEGEND</b> Administrative Boundaries <b>Flood Warning Areas</b> Blackwater North Bank East Mersea North & South banks of Stour Estuary River Colne from Halstead to Lexden River Colne, through Colchester River Stour from Boxted to Dedham River Stour from Sudbury to Boxted, inclusive River Stour upstream of Cattawade Barrage Riverside properties in Colchester, incl. cricket ground Salcott cum Virley The Tidal River Colne upstream of the Colne Barrier Tidal River Colne at Point Clear and Saint Osyth Creek Tidal River Colne from Brightlingsea to the Colne Barrier West Mersea, The Strood and adjacent marshland Colchester BC Emergency Rest Centre Main River Ordinary Watercourse	<b>NOTES</b> Main Rivers are designated by Defra on a 'Main River Map'. The Environment Agency has permissive powers to carry out flood defence works, maintenance and operational activities for Main Rivers only. However overall responsibility for maintenance lies with the riparian owner.  An Ordinary Watercourse is a watercourse that does not form part of a Main River. This includes all rivers and streams and ditches, drains, cuts, culverts, dikes, sluices (other than public sewers within the meaning of the Water Industry Act 1991) and passages, through which water flows according to the Land Drainage Act 1991.  The Environment Agency provides a free flood warning service for many areas at risk of flooding from rivers and the sea. The Environment Agency issue flood warnings to homes and businesses when flooding is expected. Upon receipt of a flooding warning, occupants should take immediate action.  COPYRIGHT Contains Ordnance Survey data © Crown copyright and database right 2016. Contains Environment Agency data © Environment Agency and database right 2016.	<b>Project Title</b> COLCHESTER BOROUGH COUNCIL STRATEGIC FLOOD RISK ASSESSMENT UPDATE <b>Drawing Title</b> FLOOD WARNING AREAS <small>DISCLAIMER This document has been prepared in accordance with the scope of AECOM's appointment with its client and is subject to the terms of that appointment. It is addressed to and for the sole and confidential use and reliance of AECOM's client. AECOM accepts no liability for any use of this document (or any model included or referred to herein) other than by its client and only for the purposes for which it was prepared and provided. No person other than the client may copy (in whole or in part) use or rely on the contents of this document without prior written permission of the Company Secretary of AECOM Infrastructure and Environment UK Ltd. Any advice, opinions or recommendations within this document should be read and relied upon only in the context of the document as a whole. The contents of this document do not provide legal or tax advice or opinion.</small> <table><tr><td>Drawn</td><td>SB</td><td>Version</td><td>1</td></tr><tr><td>Checked</td><td>EG</td><td>Date</td><td>Aug 2016</td></tr><tr><td>Approved</td><td>SK</td><td>Scale at A3</td><td>1:80,000</td></tr></table>	Drawn	SB	Version	1	Checked	EG	Date	Aug 2016	Approved	SK	Scale at A3	1:80,000	<b>Client</b> Colchester, the place to live, learn, work, and visit. <b>AECOM</b> AECOM Infrastructure & Environment UK Ltd Scott House Avenon Link Basingstoke, RG21 7PP T +44 (0)1256 310 200 www.aecom.com <table><tr><td><b>Drawing Number</b></td><td><b>Rev</b></td></tr><tr><td><b>FIGURE 6</b></td><td><b>01</b></td></tr></table>	<b>Drawing Number</b>	<b>Rev</b>	<b>FIGURE 6</b>	<b>01</b>
Drawn	SB	Version	1																
Checked	EG	Date	Aug 2016																
Approved	SK	Scale at A3	1:80,000																
<b>Drawing Number</b>	<b>Rev</b>																		
<b>FIGURE 6</b>	<b>01</b>																		