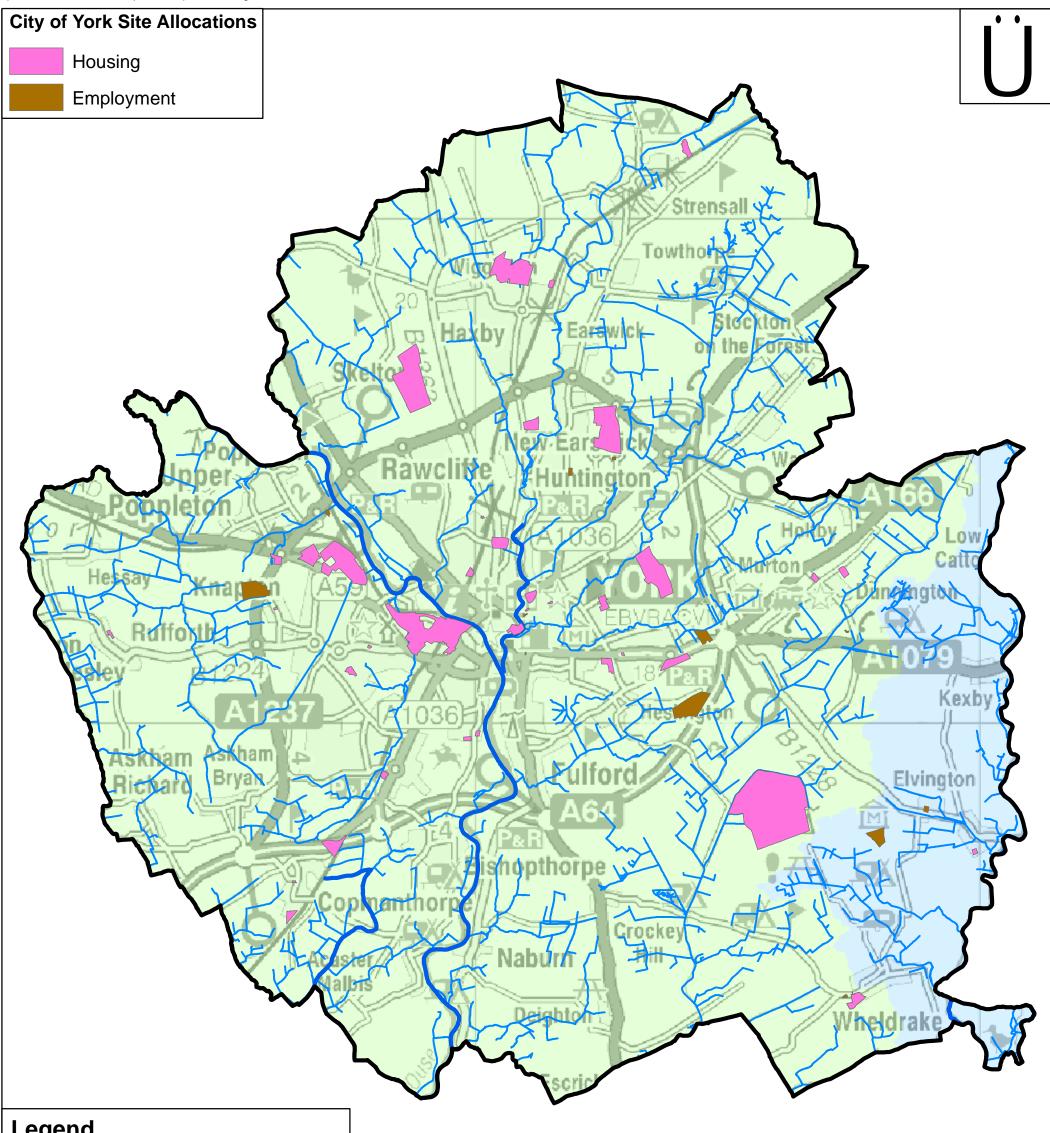
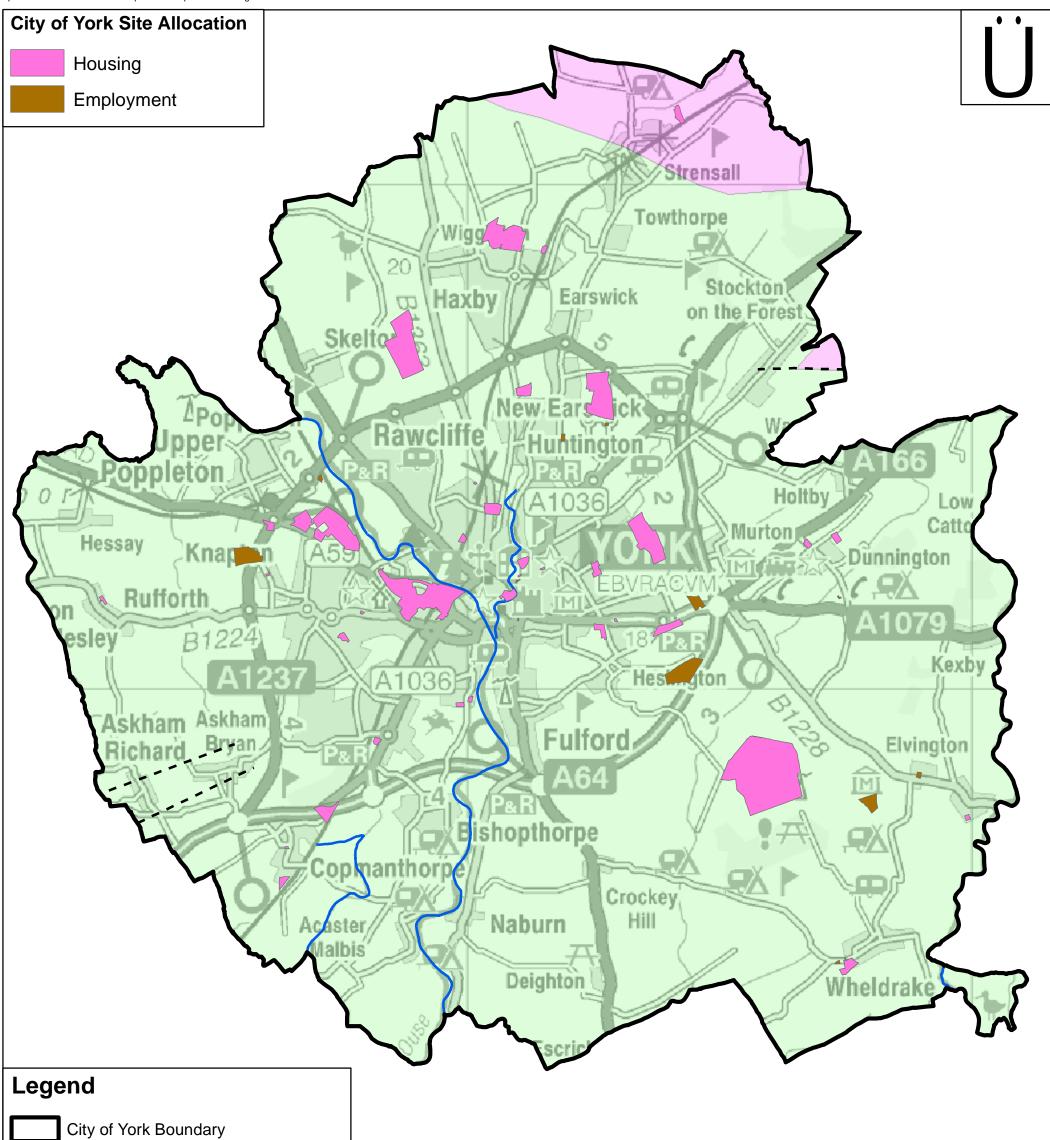


		0	2.5	5
Legend City of York Boundary	^{Copyright:} Contains Ordnance Survey data © Crown copyright and databse 2016		Kilometres AECO/	M
Main River	Contains Environment Agency information © Environment Agency	5th Floor, 2 City Walk, Leeds, LS11 9AR	Tel: 0113 391 Fax: 0113 391 www.aecon	1 6899
	Title: ELEVATION	Drawn: LB Verified: XXX	Checked: JP Approved: XXX	
Project: Strategic Flood Risk Assessment		Date: 04-17 Drawing Number: Fig	Scale at A3: 1:75,000 ure- 1	A3

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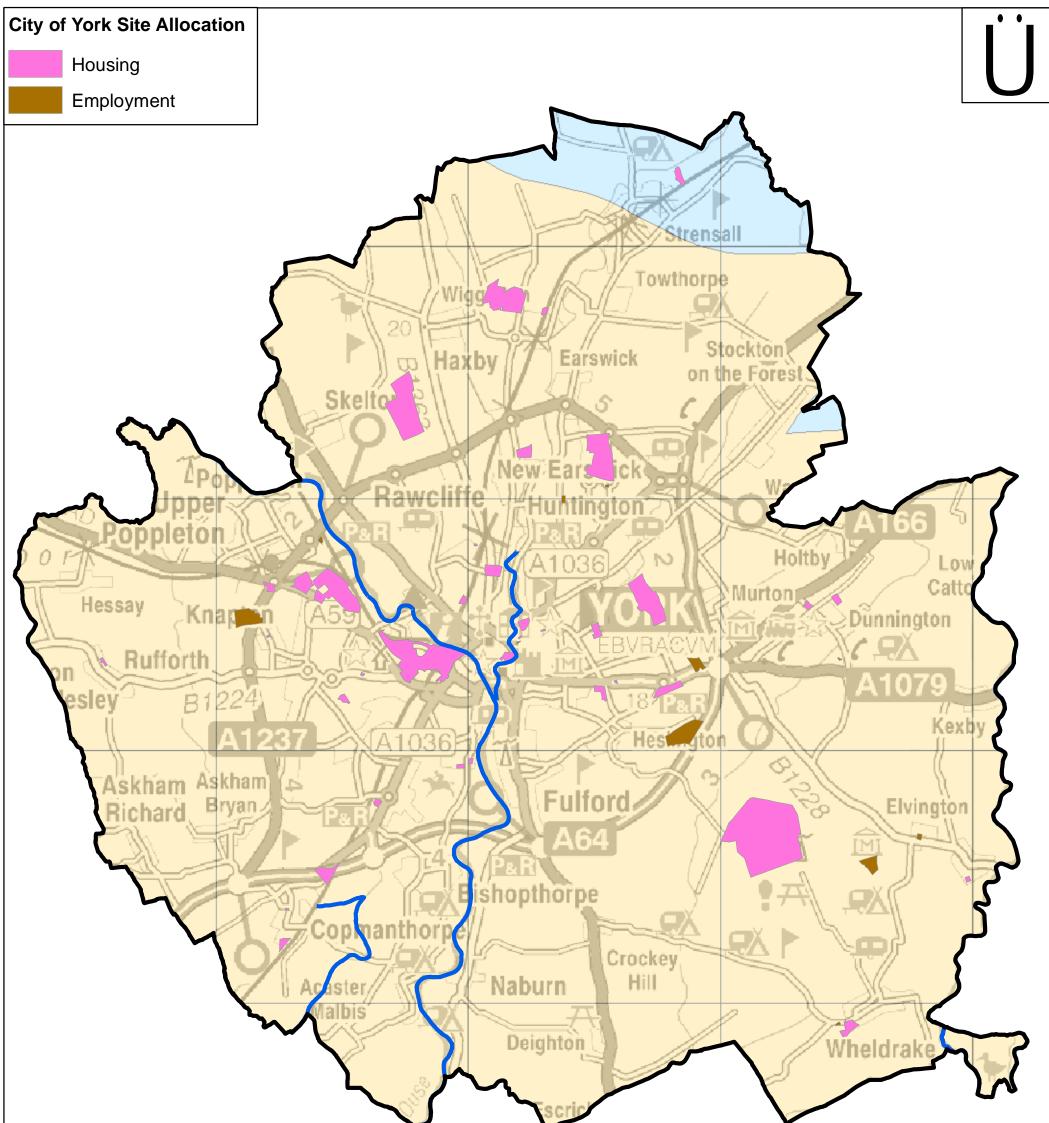


Legend				
City of York Boundary				
—— Main River		0	2.5	5
Other Watercourses			Kilometres	
Catchment Area Derwent	Copyright: Contains Ordnance Survey data © Crown copyright and databse 2016		AECO	MC
Ouse		5th Floor, 2 City Walk, Leeds, LS11 9AR	Fax: 01	13 391 6800 13 391 6899 .aecom.com
Client:	Title:	Drawn: LB	Checked: JP	
	CATCHMENT AREAS	Verified: XXX	Approved: XXX	
Project:	1	Date: 04-17	Scale at A3: 1:75,0	000
Strategic Flood Risk Assessment		Drawing Number:	Figure- 2	A3



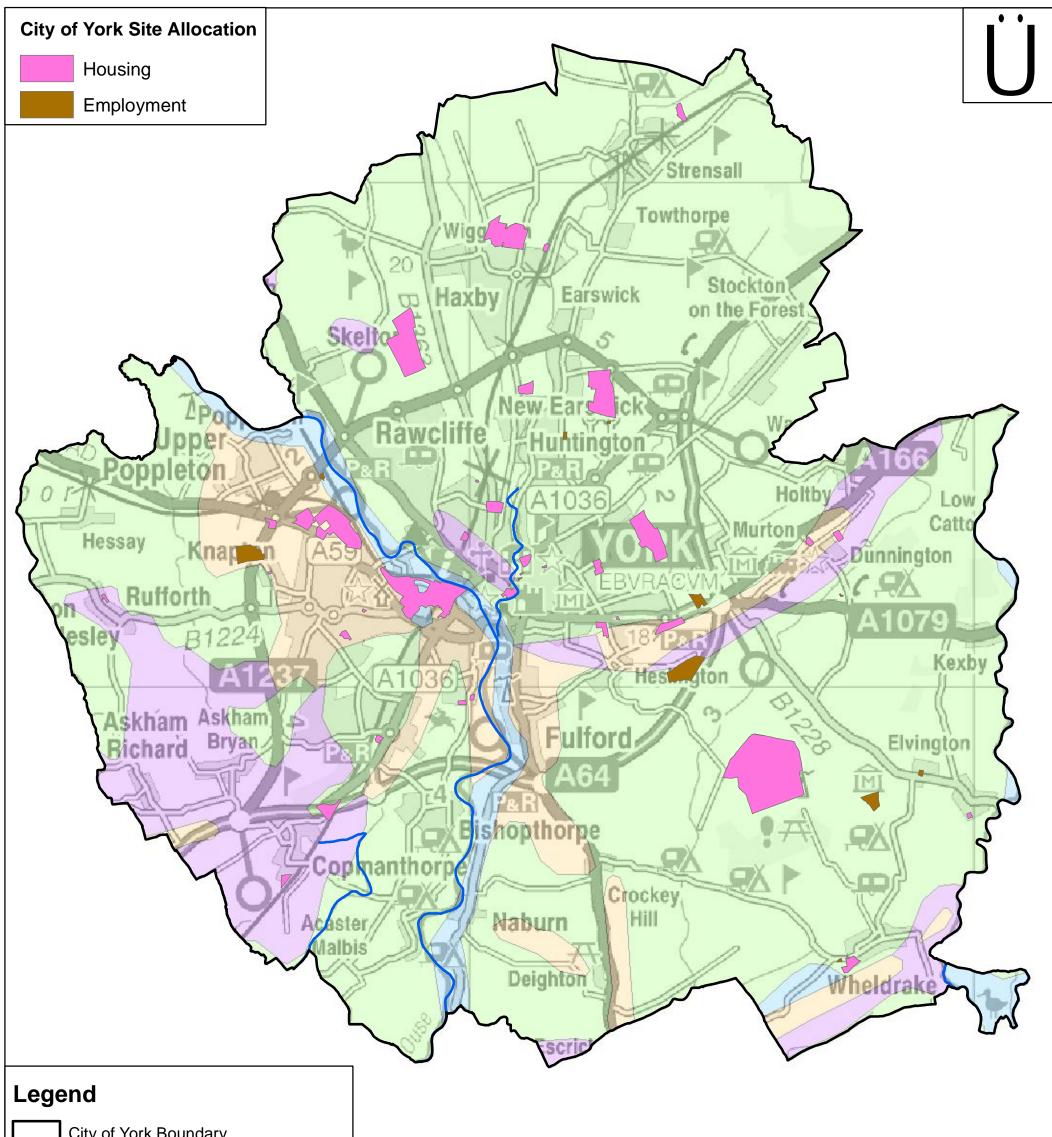
—— Main River				
Bedrock Geology				
– – – Fault Line		0	2.5 Kilometres	5
Triassic Rocks (Undifferentiated) - Mudstone, Siltstone and Sandstone	Copyright: Contains Ordnance Survey data © Crown copyright and databse 2016		AECO	DM
Triassic Rocks (undifferentiated)- Sandstone and Conglomerate, Interbedded	Reproduced with the permission of the British Geological Survey © NERC. All rights reserved.	5th Floor, 2 City Walk, Leeds, LS11 9AR	Tel: 011 Fax: 011	3 391 6800 3 391 6899 aecom.com
Client:	Title:	Drawn: LB	Checked: JP	
	BEDROCK GEOLOGY	Verified: XXX	Approved: XXX	
Project:		Date: 04-17	Scale at A3: 1:75,00	00
Strategic Flood Risk Assessment		Drawing Number:	Figure- 3	A3

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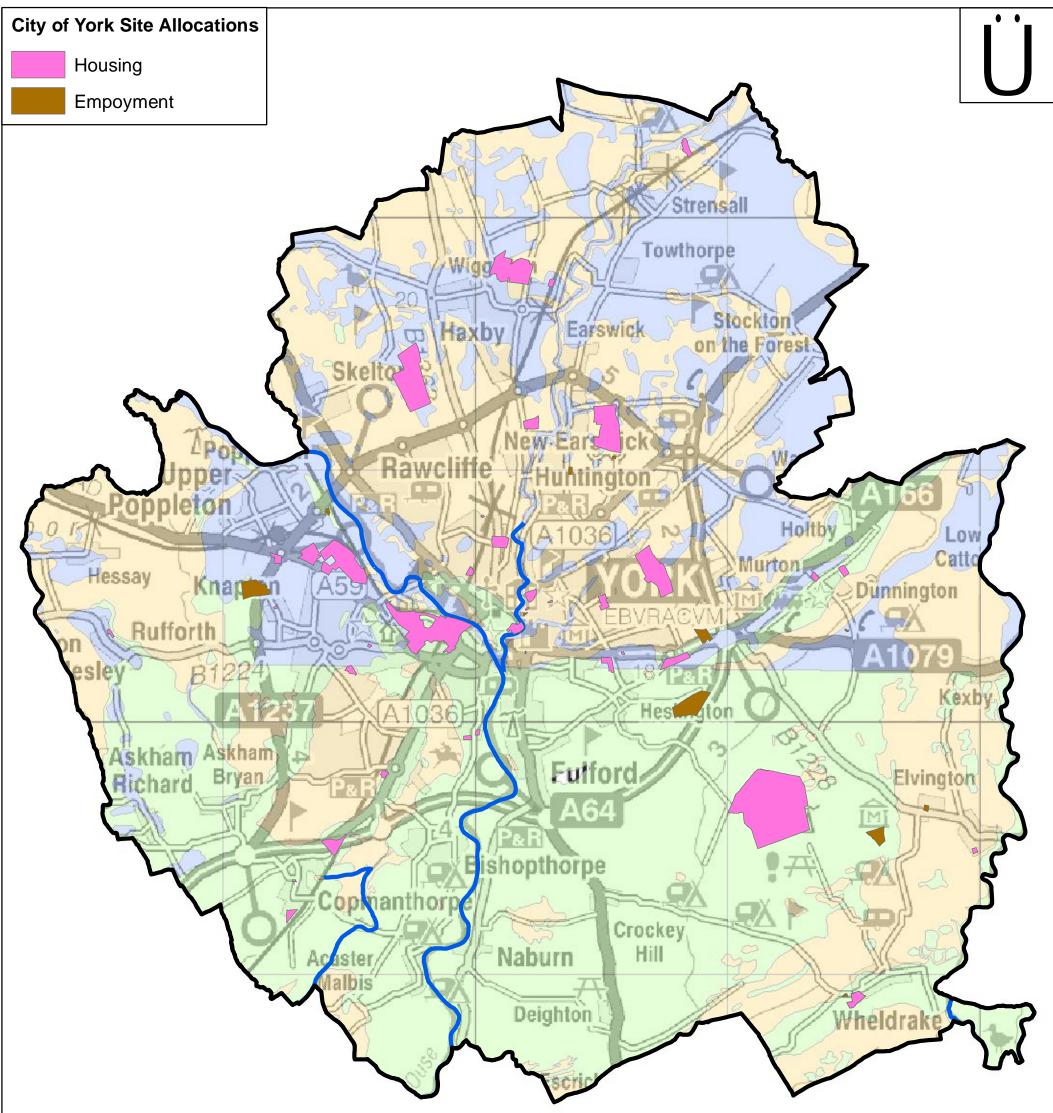
Legend				
		0	2.5	5
City of York Boundary			Kilometres	
Main River	Copyright:			
Aquifer Designation- Bedrock Geology	Contains Ordnance Survey data © Crown copyright and databse 2016		AECO	DM
Principal		5th Floor,	Tel: 01	13 391 6800
Secondary B	Contains Environment Agency information © Environment Agency	2 City Walk, Leeds, LS11 9AR		13 391 6899 .aecom.com
Client:	Title:	Drawn: LB	Checked: JP	
	AQUIFER DESIGNATION-	Verified: XXX	Approved: XXX	
Project:	BEDROCKGEOLOGY	Date: 04-17	Scale at A3: 1:75,0	00
Strategic Flood Risk Assessment		Drawing Number: Fi	igure- 4	A3

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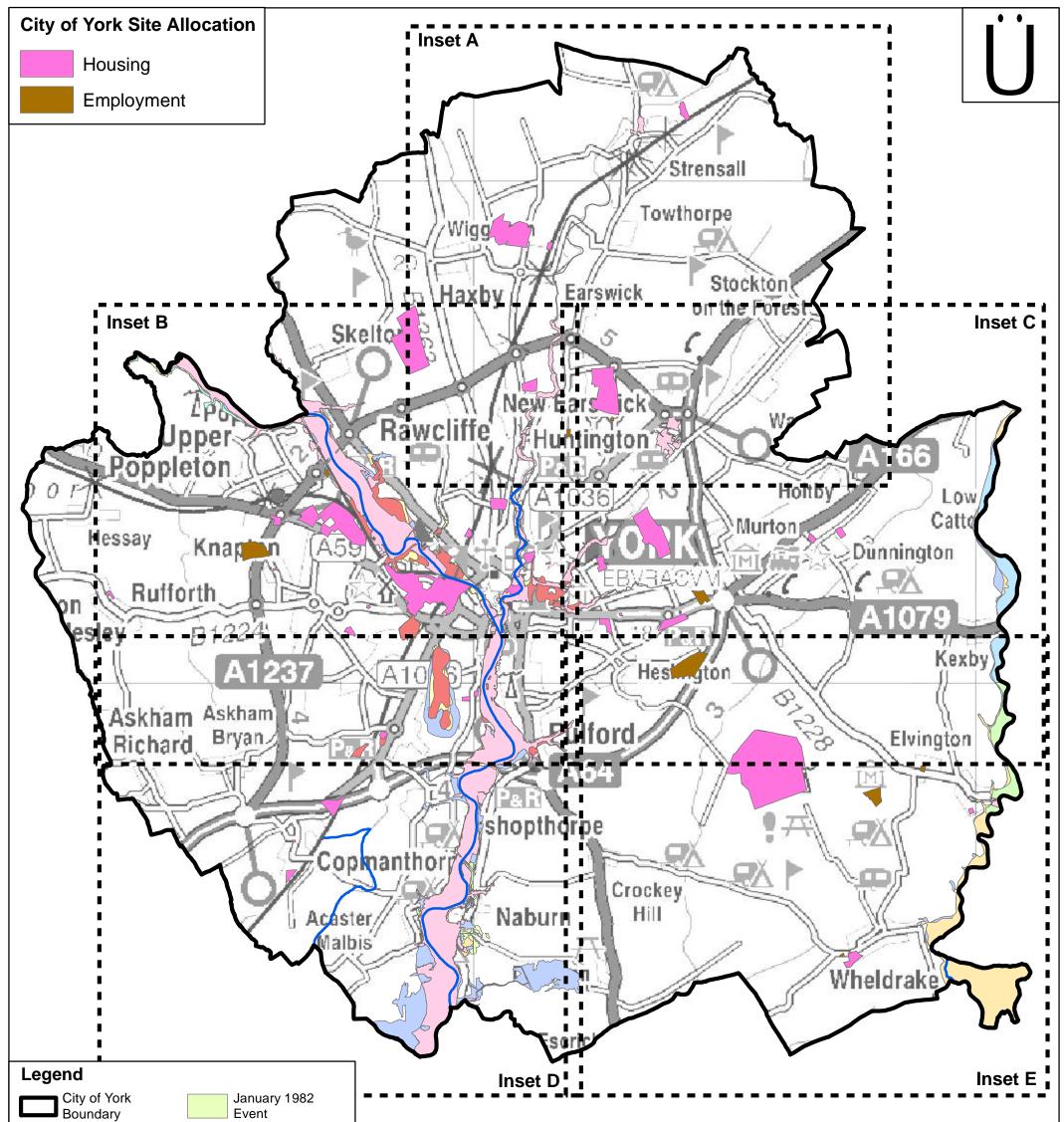
City of York Boundary				
—— Main River				
Superficial Geology		0	2.5	5
Alluvium			Kilometres	0
Glacial Sand and Gravel Lacustrine Deposits (Undifferentiated)	Copyright: Contains Ordnance Survey data © Crown copyright and databse 2016		AEC	OM
Till	Reproduced with permission of theBritish Geological Survey © NERC.All rights reserved.	5th Floor, 2 City Walk, Leeds, LS11 9AR	Fax: 0	113 391 6800 113 391 6899 w.aecom.com
Client:	Title:	Drawn: LB	Checked: JP	
	SUPERFICIAL GEOLOGY	Verified: XXX	Approved: XXX	X
Project:	1	Date: 04-17	Scale at A3: 1:75,	000
Strategic Flood Risk Assessment		Drawing Number:	Figure- 5	A3

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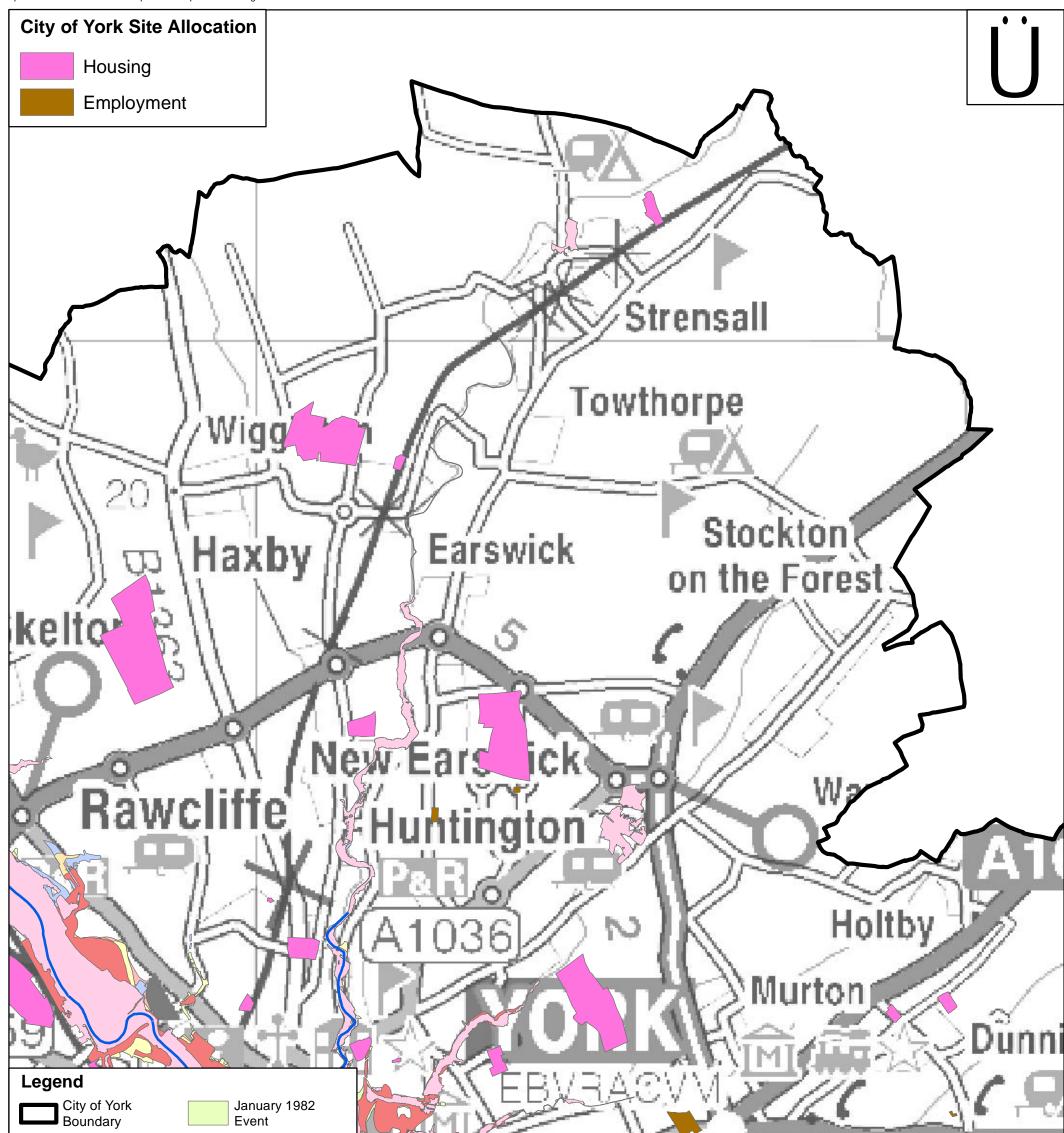


Legend				
City of York Boundary		0	2.5	5
Main River		_	Kilometres	
Aqufier Designation- Superficial Geology Secondary (undifferentiated)	Copyright: Contains Ordnance Survey data © Crown copyright and databse 2016		AEC	MC
Secondary A Unproductive	Contains Environment Agency information © Environment Agency	5th Floor, 2 City Walk, Leeds, LS11 9AR	Fax: 01	13 391 6800 13 391 6899 .aecom.com
Client:	Title:	Drawn: LB	Checked: JP	
		Verified: XXX	Approved: XXX	
Project:	AQUIFER DESIGNATION- SUPERFICIAL GEOLOGY	Date: 04-17	Scale at A3: 1:75,0	000
Strategic Flood Risk Assessment		Drawing Number:	Figure- 6	A3

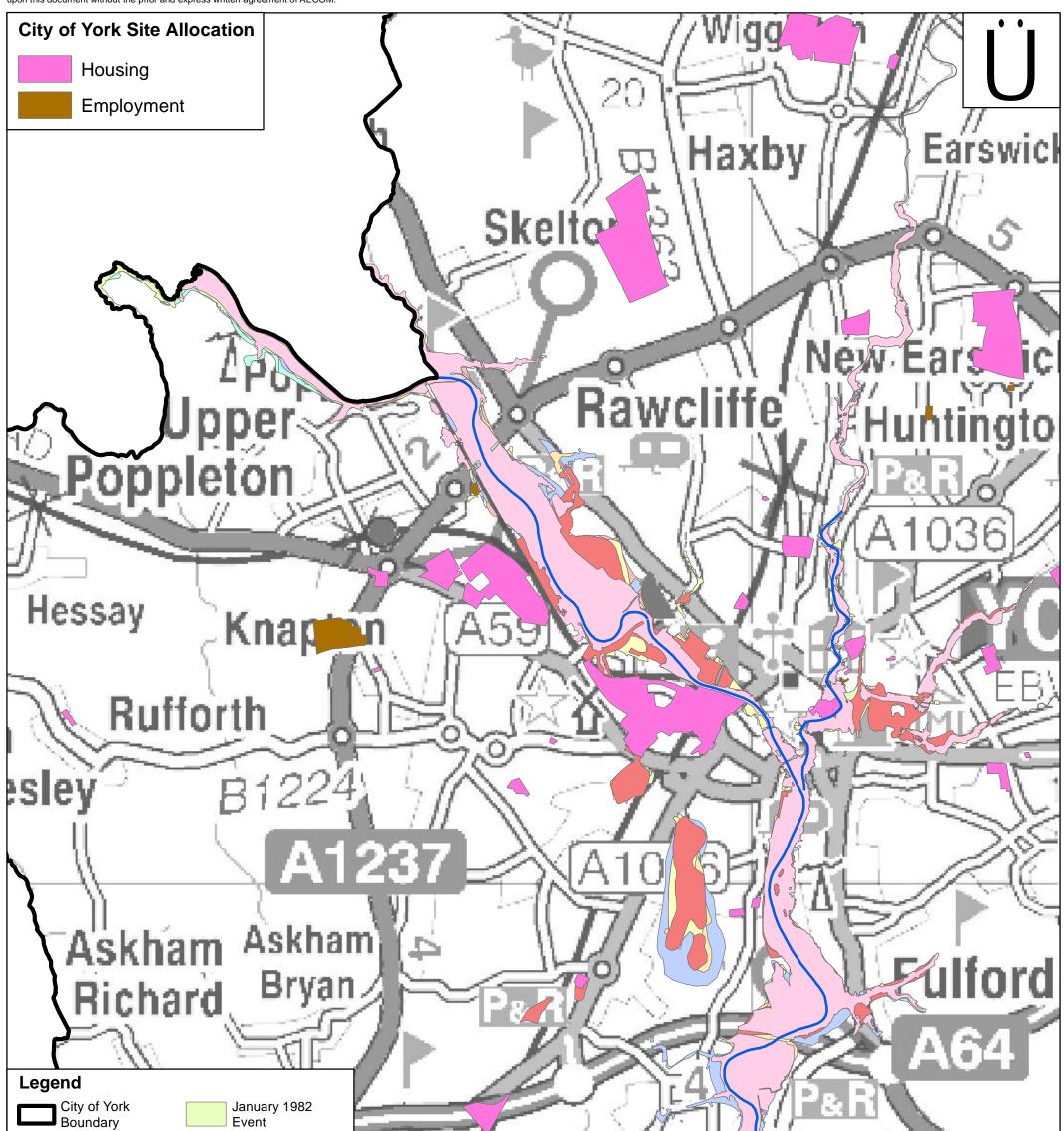
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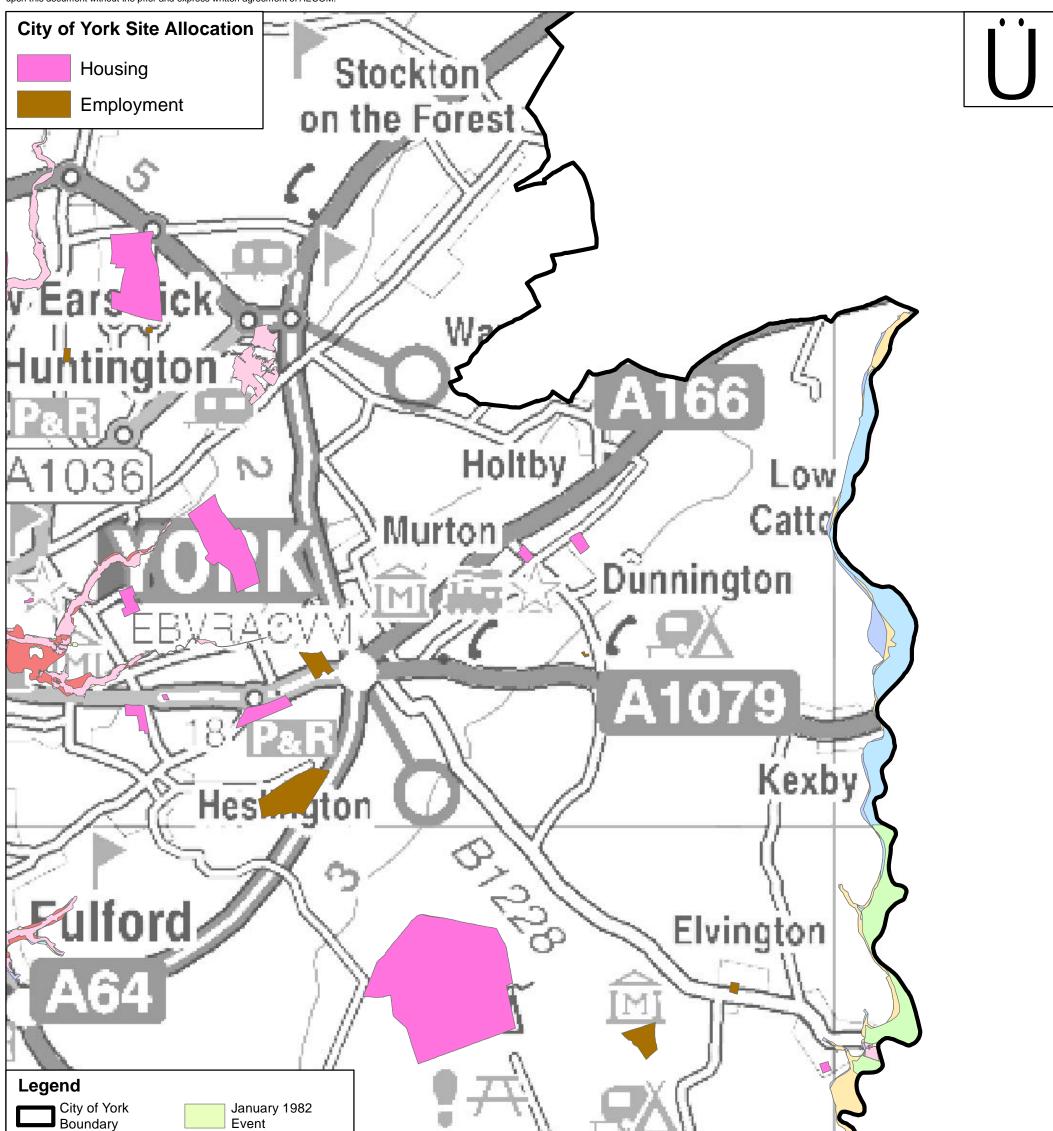
Main River 1991 Flood Event				
Recorded Flood Outlines March 1947 Flood Event Derwent March March 1968 Flood Suppret		0	2.5 Kilometres	5
EventAutumn 20001977 Flood EventEvent1978 Flood EventSeptember 2012Flood EventFlood EventDecember 1978December 2015Flood EventFlood Event	Copyright: Contains Ordnance Survey data © Crown copyright and databse 2016 Contains Environment Agency information © Environment Agency	5th Floor, 2 City Walk, Leeds, LS11 9AR	AECO Tel: 011 Fax: 011	DM 3 391 6800 3 391 6899 aecom.com
Client:	Title: ENVIRONMENT AGENCY RECORDED FLOOD OUTLINES	Drawn: LB Verified: XXX Date: 04-17 Drawing Number: F	Checked: JP Approved: XXX Scale at A3: 1:75,00 Figure- 7	D0 A3



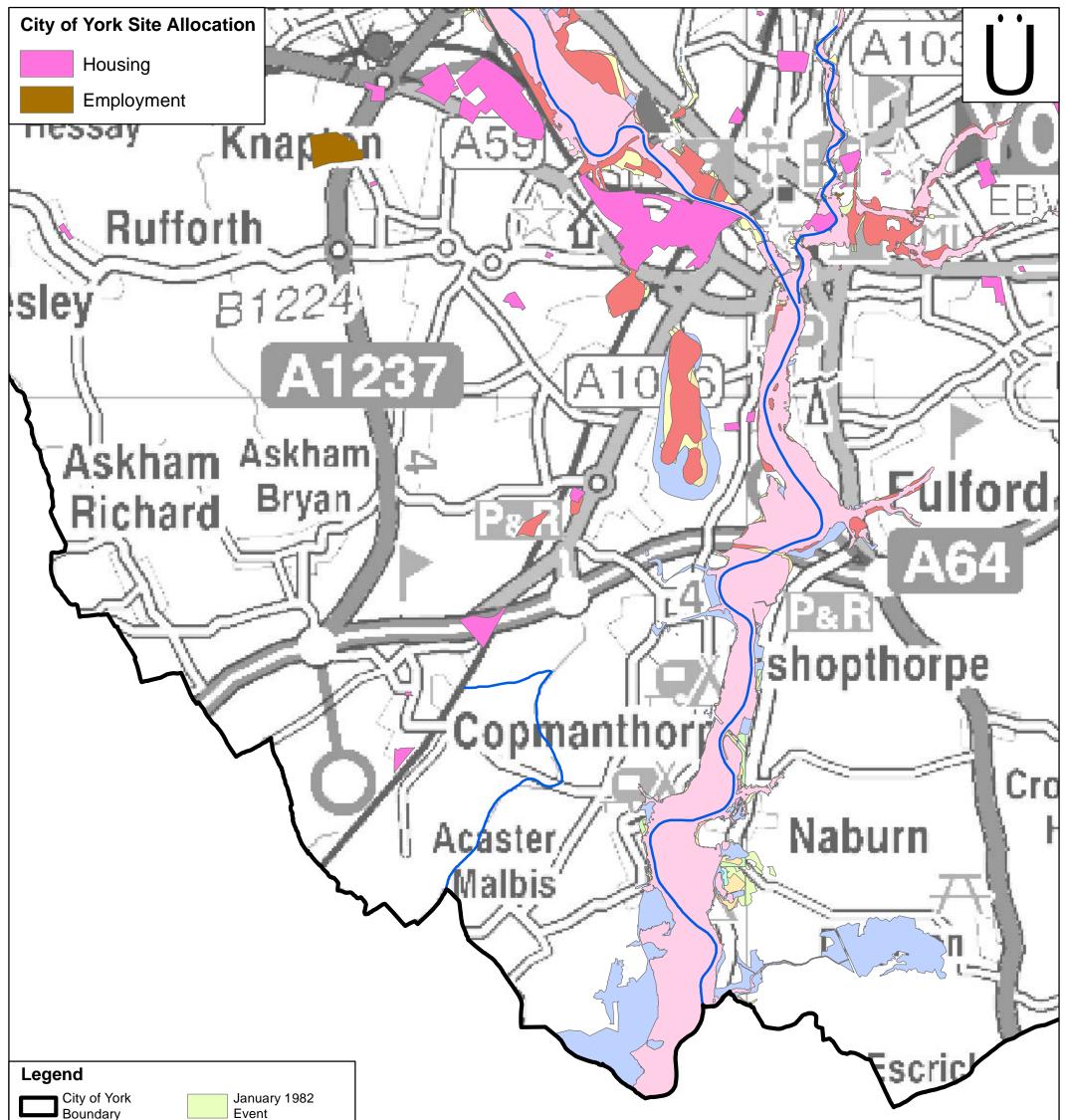
Main River 1991 Flood Event		- 714	and the second s	1.0
Recorded Flood OutlinesMarch 1947 FloodEventMarch 1968 FloodEventEventAutumn 2000	PaR 18'PaR		1.25 Kilometres	2.5
1977 Flood Event Event 1978 Flood Event September 2012 Flood Event Flood Event	Copyright: Contains Ordnance Survey data © Crown copyright and databse 2016			
December 1978 December 2015 Flood Event Flood Event	Contains Environment Agency information © Environment Agency	5th Floor, 2 City Walk, Leeds, LS11 9AR	Fax: 0113	3 391 6800 3 391 6899 ecom.com
Client:		Drawn: LB Verified: XXX	Checked: JP Approved: XXX	
Project: Strategic Flood Risk Assessment	RECORDED FLOOD OUTLINES	Date: 04-17 Drawing Number: Figur	^{Scale at A3:} 1:40,00 re- 7A	0 A3



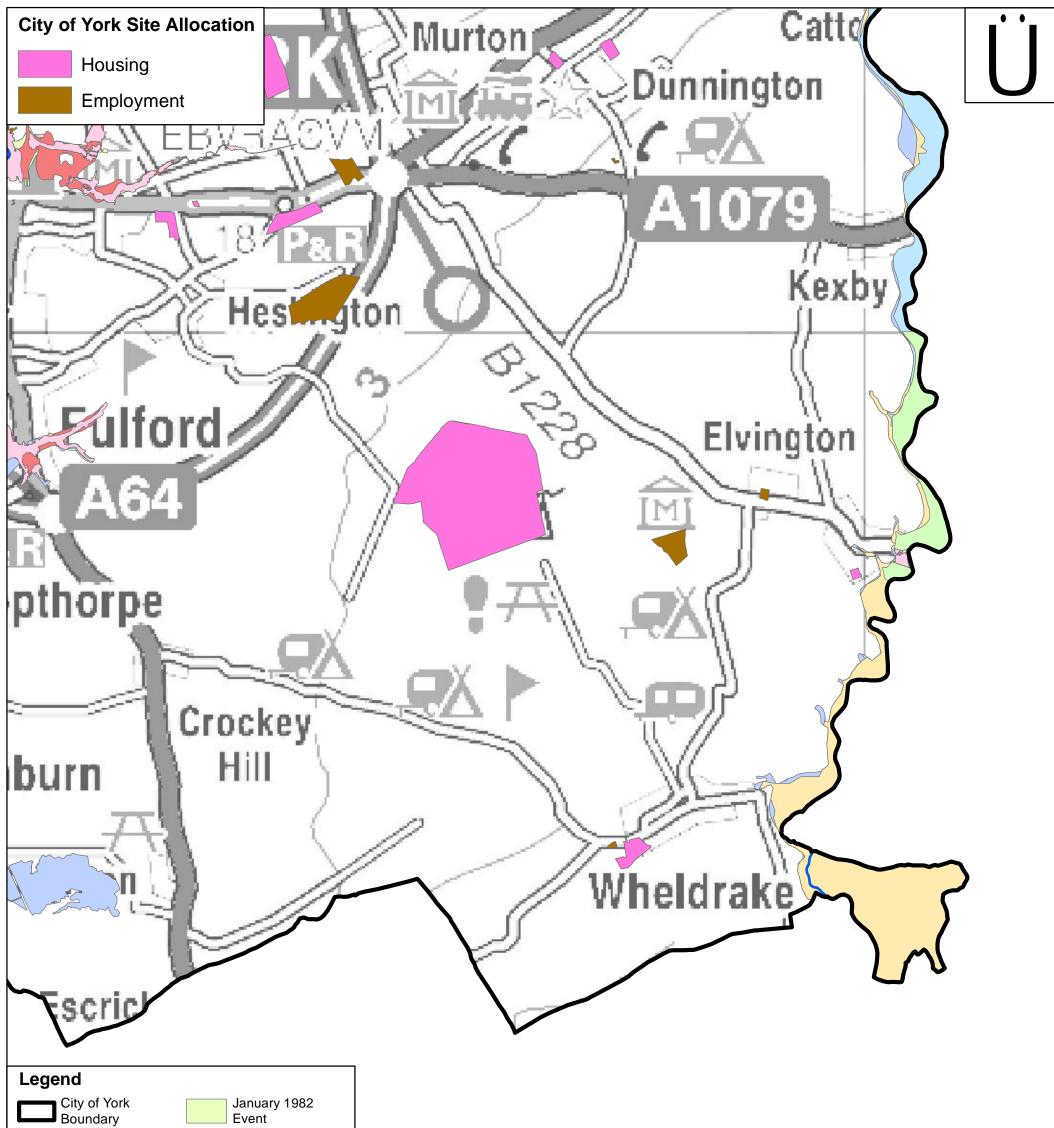
—— Main River	1991 Flood Event	EVAL / YA	💥 kehr	opthorpe	
Recorded Flood Outlin March 1947 Flo	1005 Elood Event		N Nam	philothe	
Event March 1968 Flor Event	Derwent March	Copmanthor	0	1.25 Kilometres	2.5
1977 Flood Eve 1978 Flood Eve	September 2012	Copyright: Contains Ordnance Survey data © Crown copyright and databse 2016		AECO	DM
December 1978 Flood Event	December 2015 Flood Event	Contains Environment Agency information © Environment Agency	5th Floor, 2 City Walk, Leeds, LS11 9AR	Fax: 011	3 391 6800 3 391 6899 aecom.com
Client:	CITY OF	Title:	Drawn: LB	Checked: JP	
	YORK	ENVIRONMENT AGENCY	Verified: XXX	Approved: XXX	
Project:		RECORDED FLOOD OUTLINES	Date: 04-17	Scale at A3: 1:40,00	00
Strategic Floo	d Risk Assessment		Drawing Number:	Figure- 7B	A3



Main River1991 Flood EventRecorded Flood Outlines1995 Flood EventMarch 1947 FloodDerwent MarchMarch 1968 FloodAutumn 2000			1.25 Kilometres	2.5
Livent Autumn 2000 1977 Flood Event Event 1978 Flood Event September 2012 Provide Event Flood Event December 1978 December 2015	Copyright: Contains Ordnance Survey data © Crown copyright and databse 2016	5th Floor,		3 391 6800
Flood Event Flood Event	Contains Environment Agency information © Environment Agency	2 City Walk, Leeds, LS11 9AR		3 391 6899 aecom.com
Client:		Drawn: LB Verified: XXX	Checked: JP Approved: XXX	
Project: Strategic Flood Risk Assessment	ENVIRONMENT AGENCY RECORDED FLOOD OUTLINES	Date: 04-17	Scale at A3: 1:40,00	00 A3

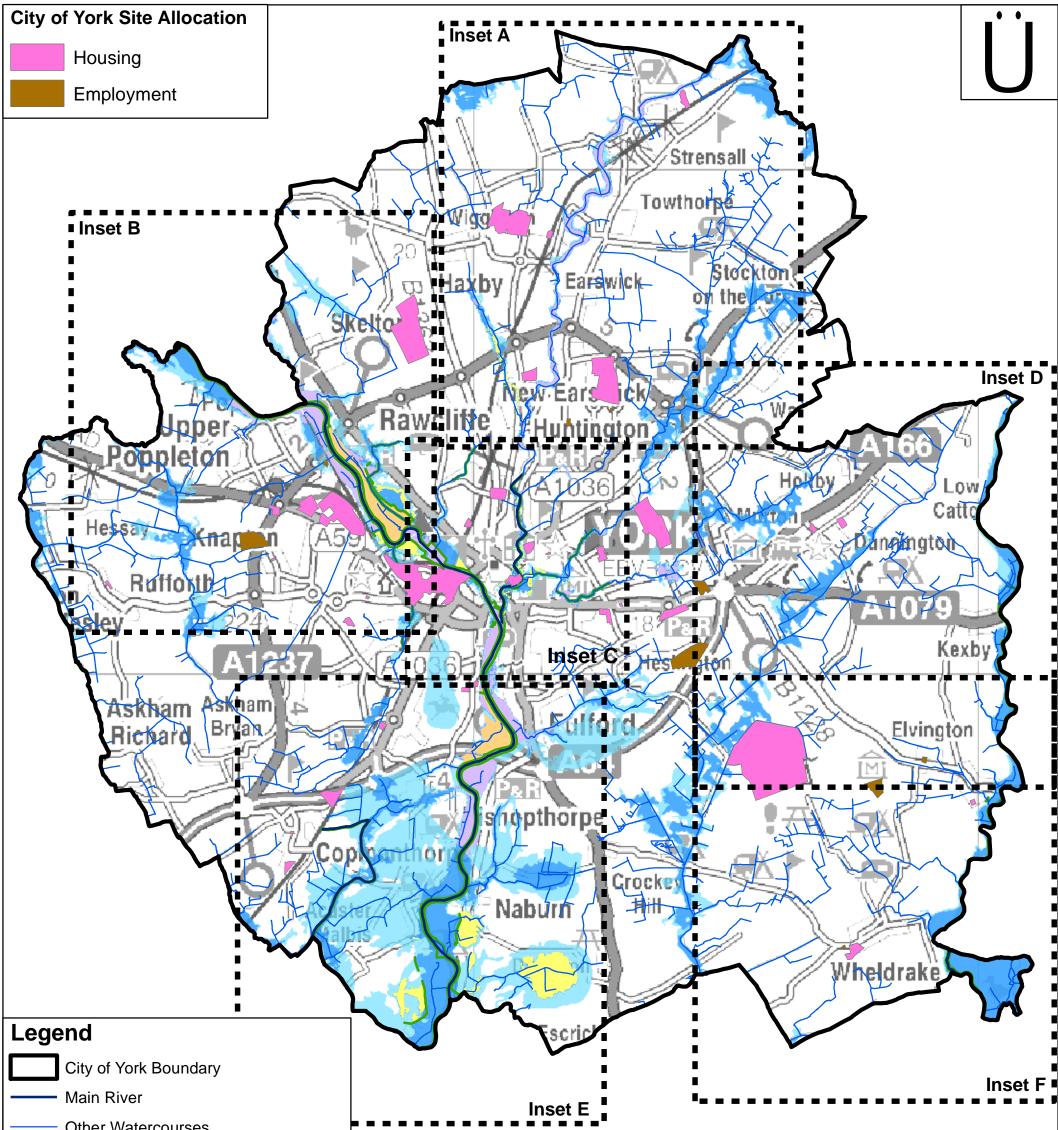


Main River 1991 Flood Event				
Recorded Flood Outlines March 1947 Flood Event March 1968 Flood Event Derwent March 1999 Event Autumn 2000		0	1.25 Kilometres	2.5
Event Autumn 2000 1977 Flood Event Event 1978 Flood Event September 2012 Pecember 1978 December 2015 Flood Event Flood Event	Copyright: Contains Ordnance Survey data © Crown copyright and databse 2016 Contains Environment Agency information © Environment Agency	5th Floor, 2 City Walk, Leeds, LS11 9AR	Fax: 011	3 391 6800 3 391 6899 aecom.com
Client:	ENVIRONMENT AGENCY RECORDED FLOOD OUTLINES	Drawn: LB Verified: XXX Date: 04-17 Drawing Number:	Checked: JP Approved: XXX Scale at A3: 1:40,00 Figure- 7D	



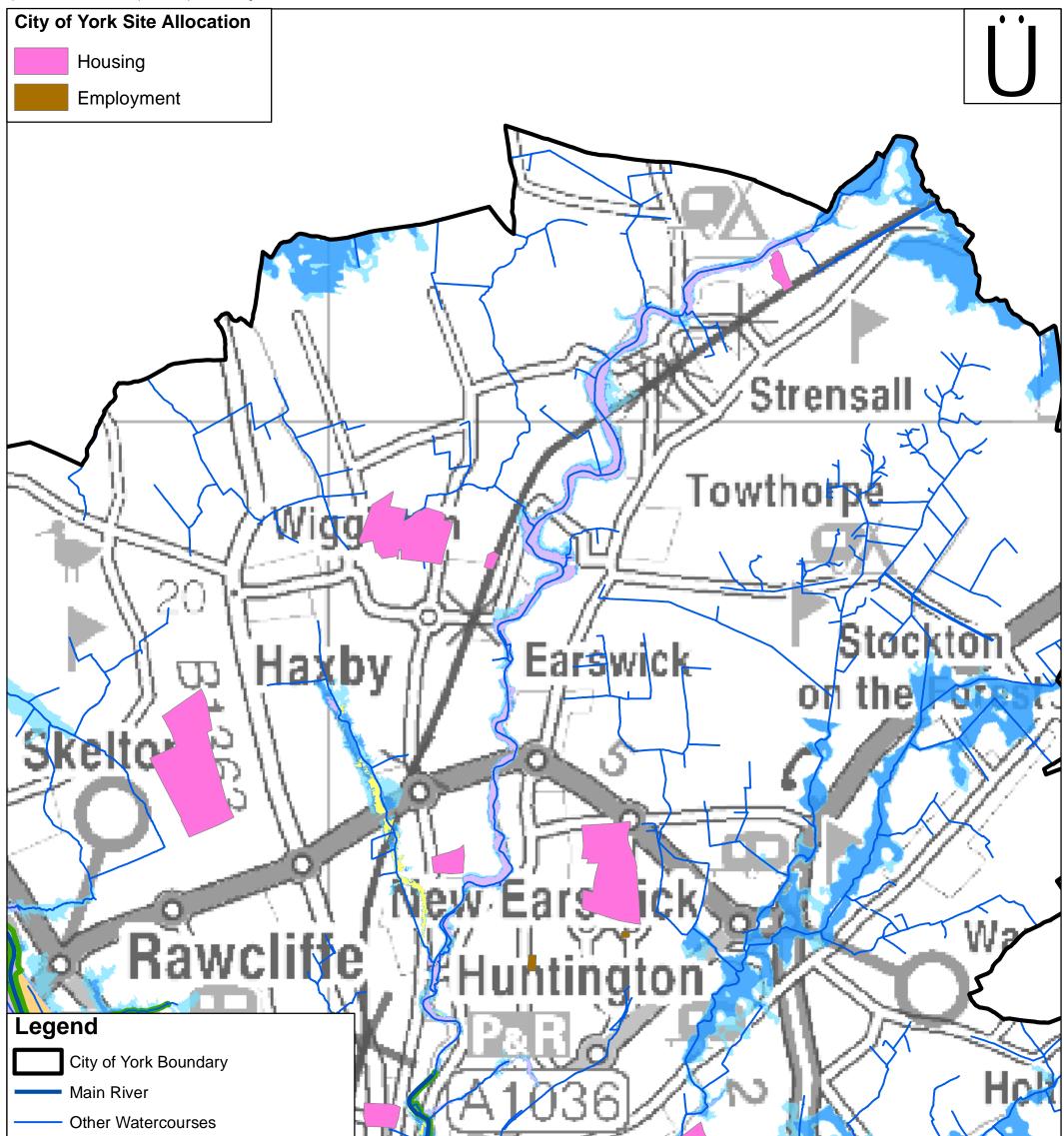
Main River 1991 Flood Event				
March 1947 Flood 1995 Flood Event				
March 1968 Flood		0	1.25 Kilometres	2.5
1977 Flood Event	Copyright: Contains Ordnance Survey data			
1978 Flood Event September 2012 Flood Event Flood Event	© Crown copyright and databse 2016		AECO	JM
December 1978December 2015Flood EventFlood Event	Contains Environment Agency information © Environment Agency	5th Floor, 2 City Walk, Leeds, LS11 9AR	Fax: 011	3 391 6800 3 391 6899 aecom.com
Client:	Title:	Drawn: LB	Checked: JP	
	ENVIRONMENT AGENCY	Verified: XXX	Approved: XXX	
Project:	RECORDED FLOOD OUTLINES	Date: 04-17	Scale at A3: 1:40,00	00
Strategic Flood Risk Assessment		Drawing Number:	Figure- 7E	A3

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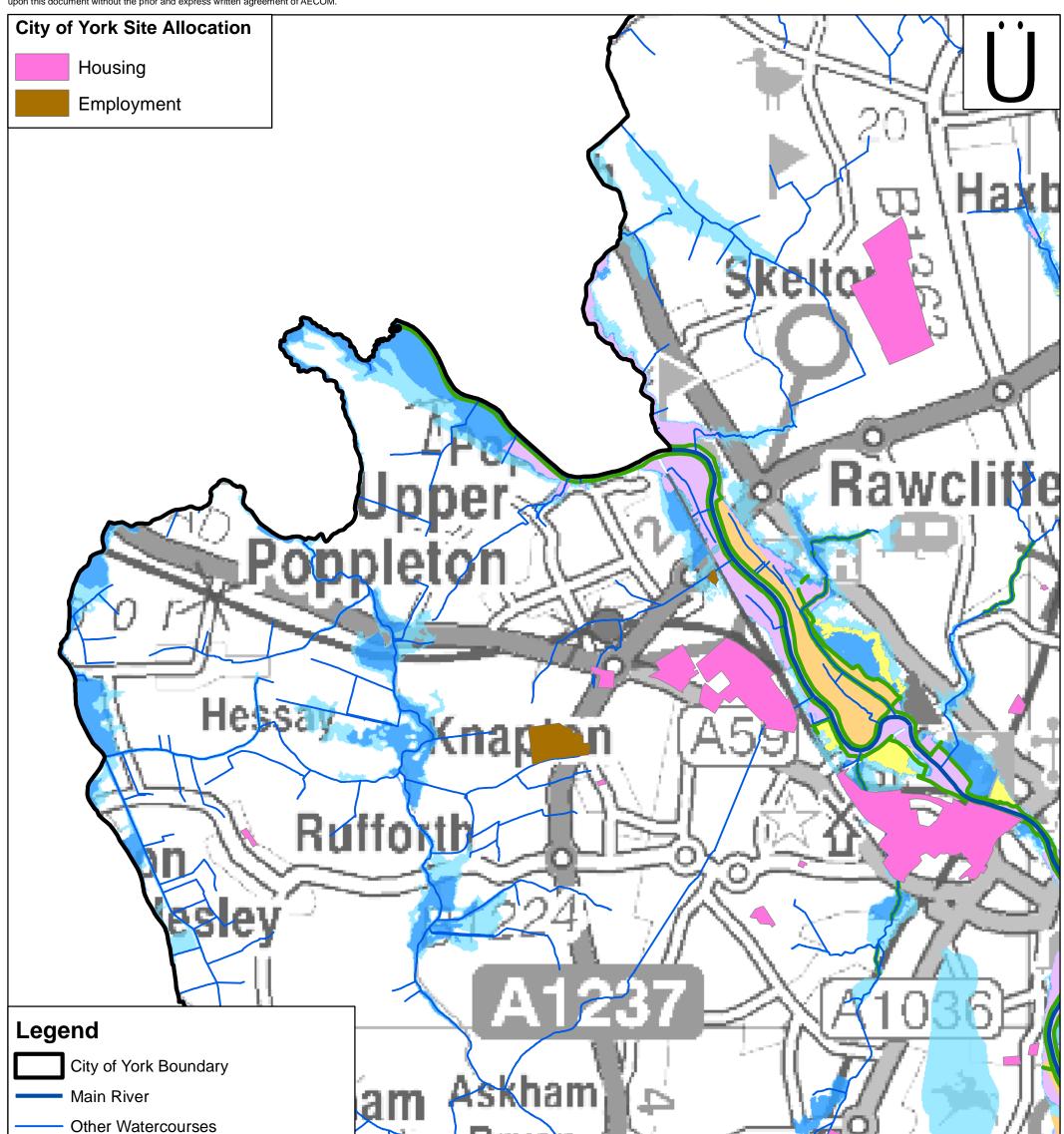


Other watercourses	Γ			
EA Flood Map for Planning				
Flood Zone 3a				
Flood Zone 3b		0	2.5 Kilometres	5
Flood Zone 2	Copyright:			
Area Benefitting form Flood Defences	Contains Ordnance Survey data © Crown copyright and databse 2016		AECO	M
Flood Storage Area Flood Defence	Contains Environment Agency information © Environment Agency	5th Floor, 2 City Walk, Leeds, LS11 9AR	Fax: 011	3 391 6800 3 391 6899 aecom.com
Client:	Title:	Drawn: LB	Checked: JP	
	ENVIRONMENT AGENCY	Verified: XXX	Approved: XXX	
Project:	FLOOD MAP FOR PLANNING	Date: 04-17	Scale at A3: 1:75,00	00
Strategic Flood Risk Assessment		Drawing Number:	Figure- 8	A3

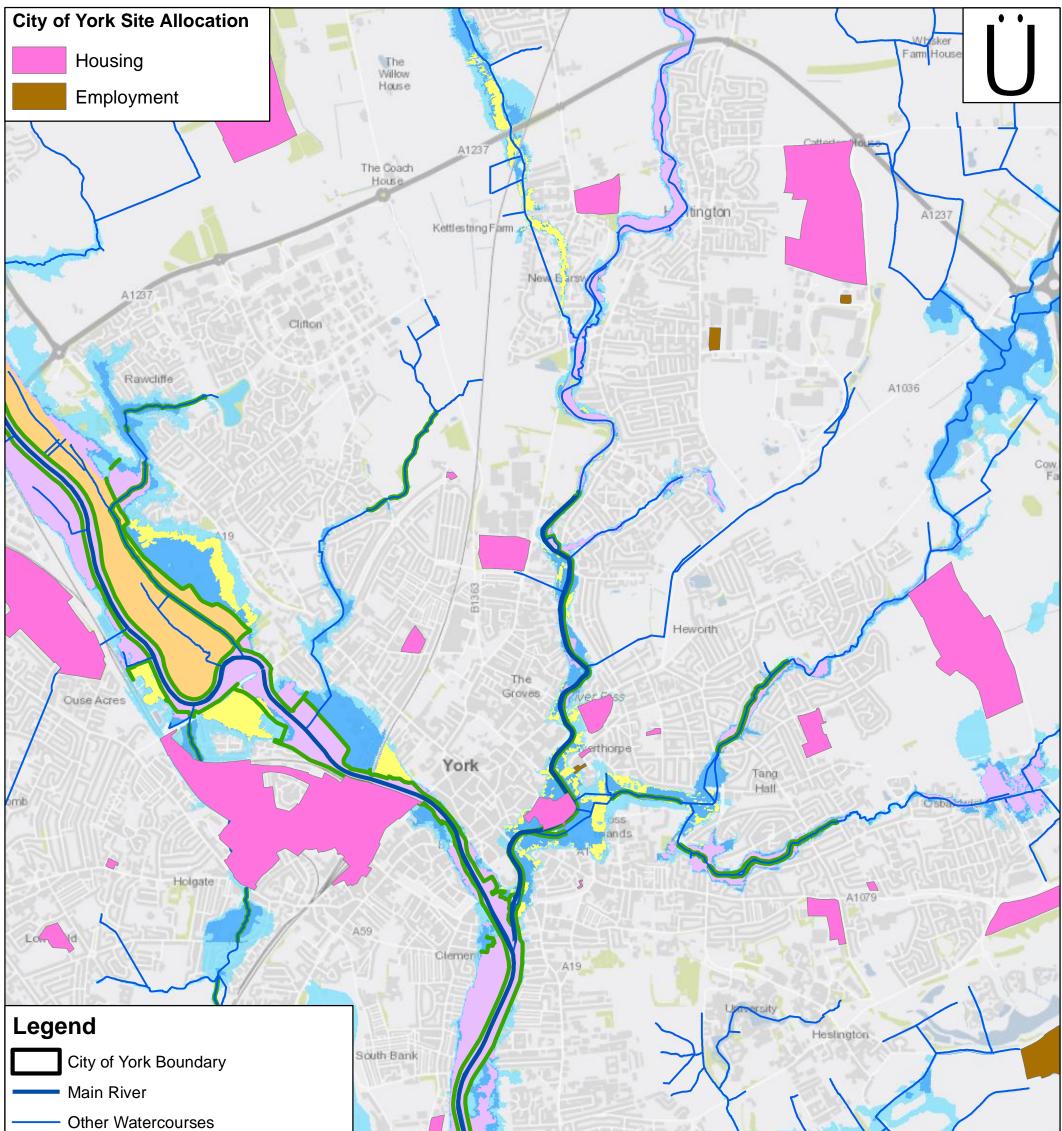
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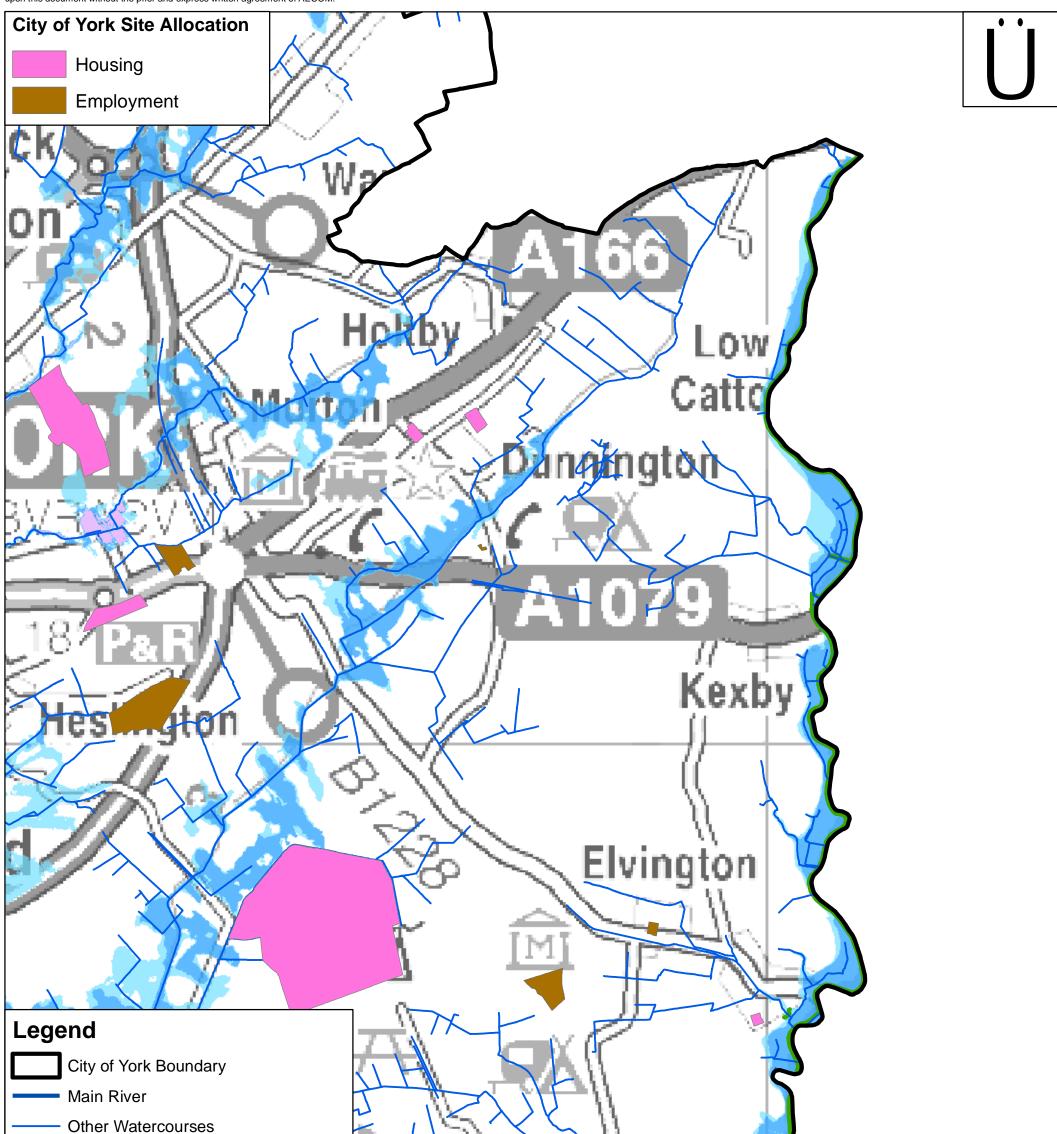
EA Flood Map for Planning			AL. T	
Flood Zone 3a			P. Mon	<u>"/{</u>
Flood zone 3b	H CARA AND		<u>1</u>	2
Flood Zone 2	Copyright:		Kilometres	E A
Area Benefitting form Flood Defences	Contains Ordnance Survey data © Crown copyright and databse 2016		ΑΞϹΟ	M
Flood Storage Area		5th Floor.		3 391 6800
Flood Defence	Contains Environment Agency information © Environment Agency	2 City Walk, Leeds, LS11 9AR	Fax: 0113	3 391 6899 iecom.com
Client:	Title:	Drawn: LB	Checked: JP	
	ENVIRONMENT AGENCY	Verified: XXX	Approved: XXX	
Project:	FLOOD MAP FOR PLANNING-	Date: 04-17	Scale at A3: 1:35,00	0
Strategic Flood Risk Assessment	RIVER FOSS CATCHMENT	Drawing Number: Fi	gure- 8A	A3



EA Flood Map for Planning	ard Bryan		~~~~/	/ <u>K</u>
Flood Zone 3a		m	<u> </u>	
Flood Zone 3b			1 Kilometres	2
Flood Zone 2	Copyright:		Thometres -	
Area Benefitting form Flood Defences	Contains Ordnance Survey data © Crown copyright and databse 2016		AECO	M
Flood Storage Area		5th Floor,	Tel: 0113	3 391 6800
Flood Defence	Contains Environment Agency information © Environment Agency	2 City Walk, Leeds, LS11 9AR	Fax: 0113	3 391 6899 aecom.com
Client:	Title:	Drawn: LB	^{Checked:} JP	
	ENVIRONMENT AGENCY FLOOD MAP FOR PLANNING-	Verified: XXX	Approved: XXX	
Project:	UPPER RIVER OUSE	Date: 04-17	Scale at A3: 1:35,00	00
Strategic Flood Risk Assessment	CATCHMENT	Drawing Number: Figu	re- 8B	A3

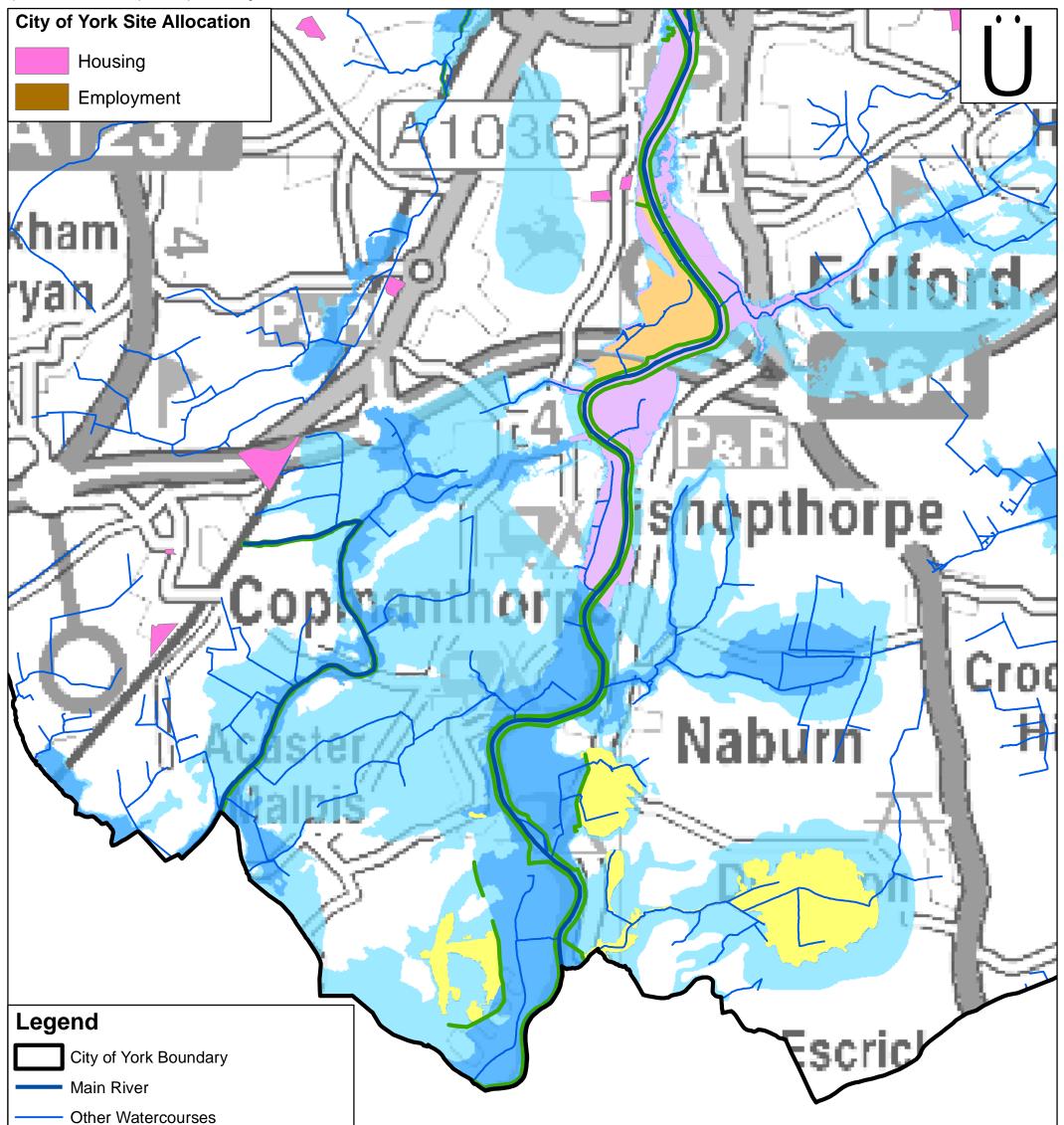


EA Flood Map for Planning			Spring Fiel	-1
Flood Zone 3a			5	<u> </u>
Flood Zone 3b		0	0.75 Kilometres	1.5rospe
Flood Zone 2	Copyright:		NIIO III EI ES	
Area Benefitting form Flood Defences	Contains Ordnance Survey data © Crown copyright and databse 2016		AECO	M
Flood Storage Area		5th Floor.		3 391 6800
	Contains Environment Agency information © Environment Agency	2 City Walk, Leeds, LS11 9AR	Fax: 0113	3 391 6899 ecom.com
Client:	Title:	Drawn: LB	Checked: JP	
	ENVIRONMENT AGENCY FLOOD MAP FOR PLANNING-	Verified: XXX	Approved: XXX	
Project:	YORK CITY CENTRE	Date: 04-17	Scale at A3: 1:25,00	0
Strategic Flood Risk Assessment		Drawing Number:	Figure- 8C	A3

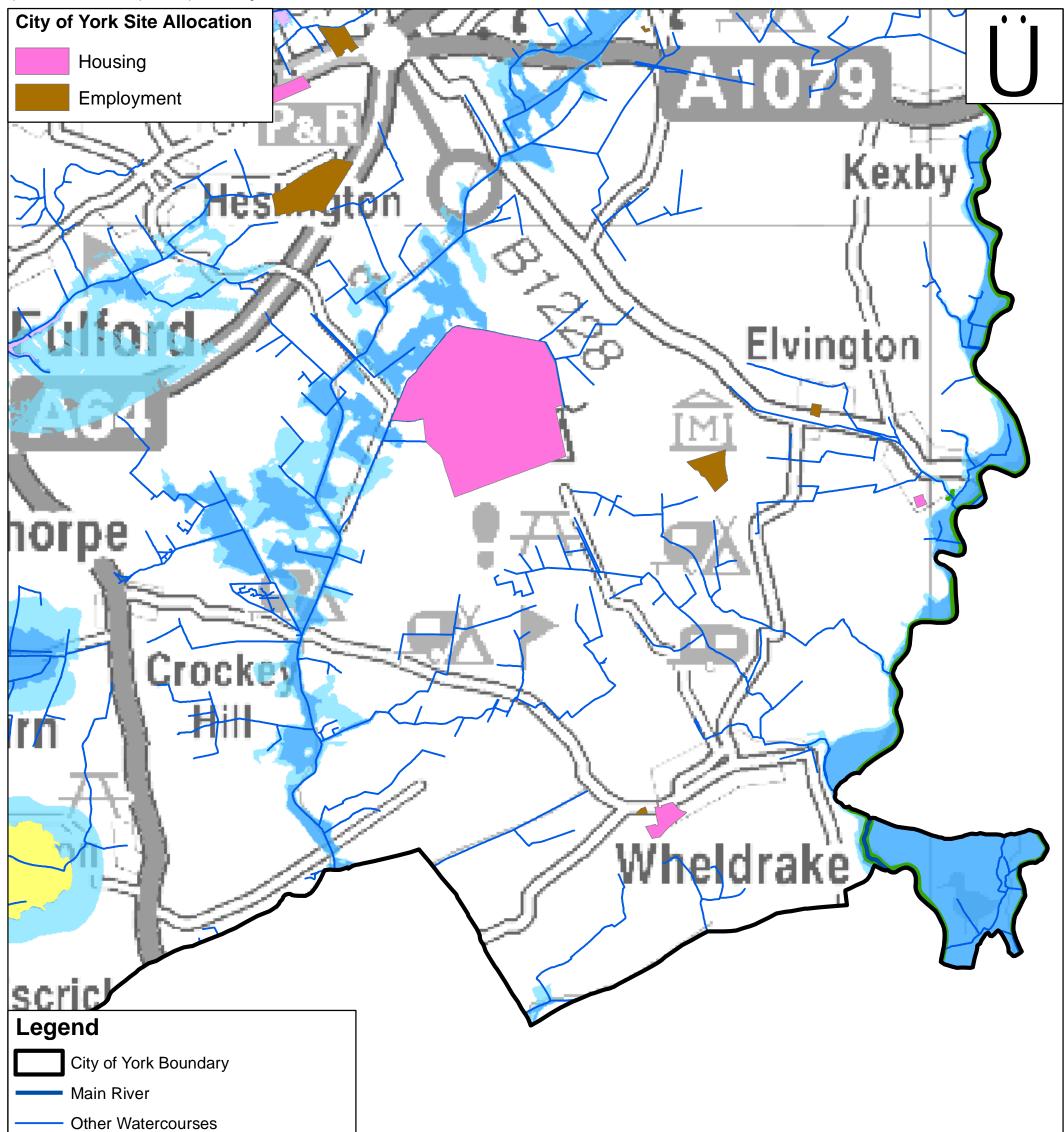


EA Flood Map for Planning				
Flood Zone 3a		¥ _		
Flood Zone 3b		0	1	2
Flood Zone 2	Copyright:		Kilometres	
Area Benefitting form Flood Defences	Contains Ordnance Survey data © Crown copyright and databse 2016		AECO	MC
Flood Storage Area	Contains Environment Agency	5th Floor, 2 City Walk,	Tel: 0 Fax: 0	113 391 6800 113 391 6899
Client:	information © Environment Agency	Leeds, LS11 9AR Drawn: LB	Checked: JP	w.aecom.com
		Verified: XXX	Approved: XXX	x
Project:	FLOOD MAP FOR PLANNING- RIVER DERWENT CATCHMENT	Date: 04-17	Scale at A3: 1:35,	.000
Strategic Flood Risk Assessment		Drawing Number:	Figure- 8D	A3

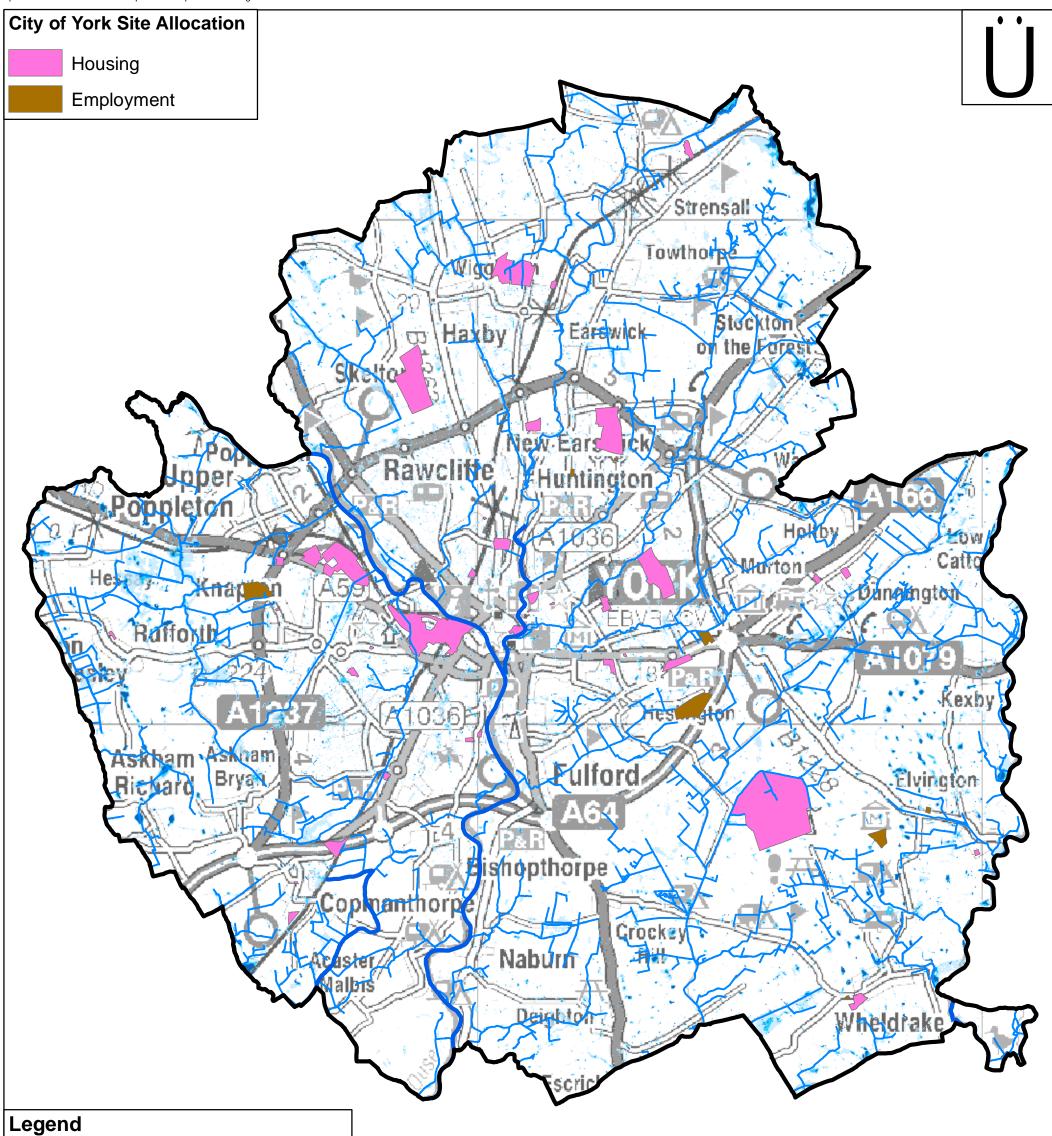
 $\textcircled{\sc c}$ Crown copyright, All rights reserved. 2017 Licence number 100019139.



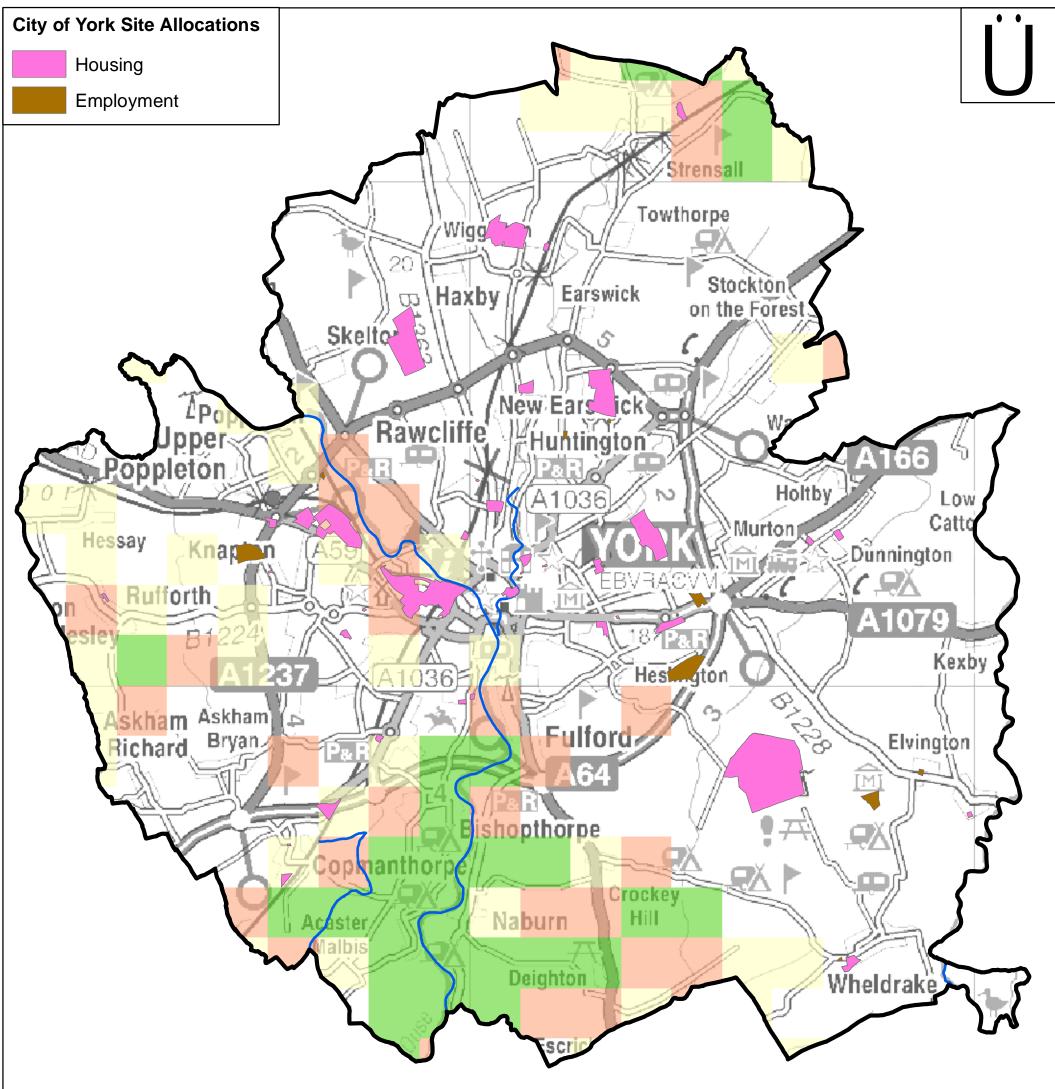
EA Flood Map for Planning				
Flood Zone 3a		_		
Flood Zone 3b		0	1	2
Flood Zone 2	Copyright:		Kilometres	
Area Benefitting form Flood Defences	Contains Ordnance Survey data © Crown copyright and databse 2016		AECO	M
Flood Storage Area Flood Defence	Contains Environment Agency information © Environment Agency	5th Floor, 2 City Walk, Leeds, LS11 9AR	Fax: 01	13 391 6800 13 391 6899 v.aecom.com
Client:		Drawn: LB	Checked: JP	
	ENVIRONMENT AGENCY FLOOD MAP FOR PLANNING-	Verified: XXX	Approved: XXX	(
Project:	LOWER RIVER OUSE	Date: 04-17	Scale at A3: 1:30,0	000
Strategic Flood Risk Assessment	CATCHMENT	Drawing Number:	Figure- 8E	A3



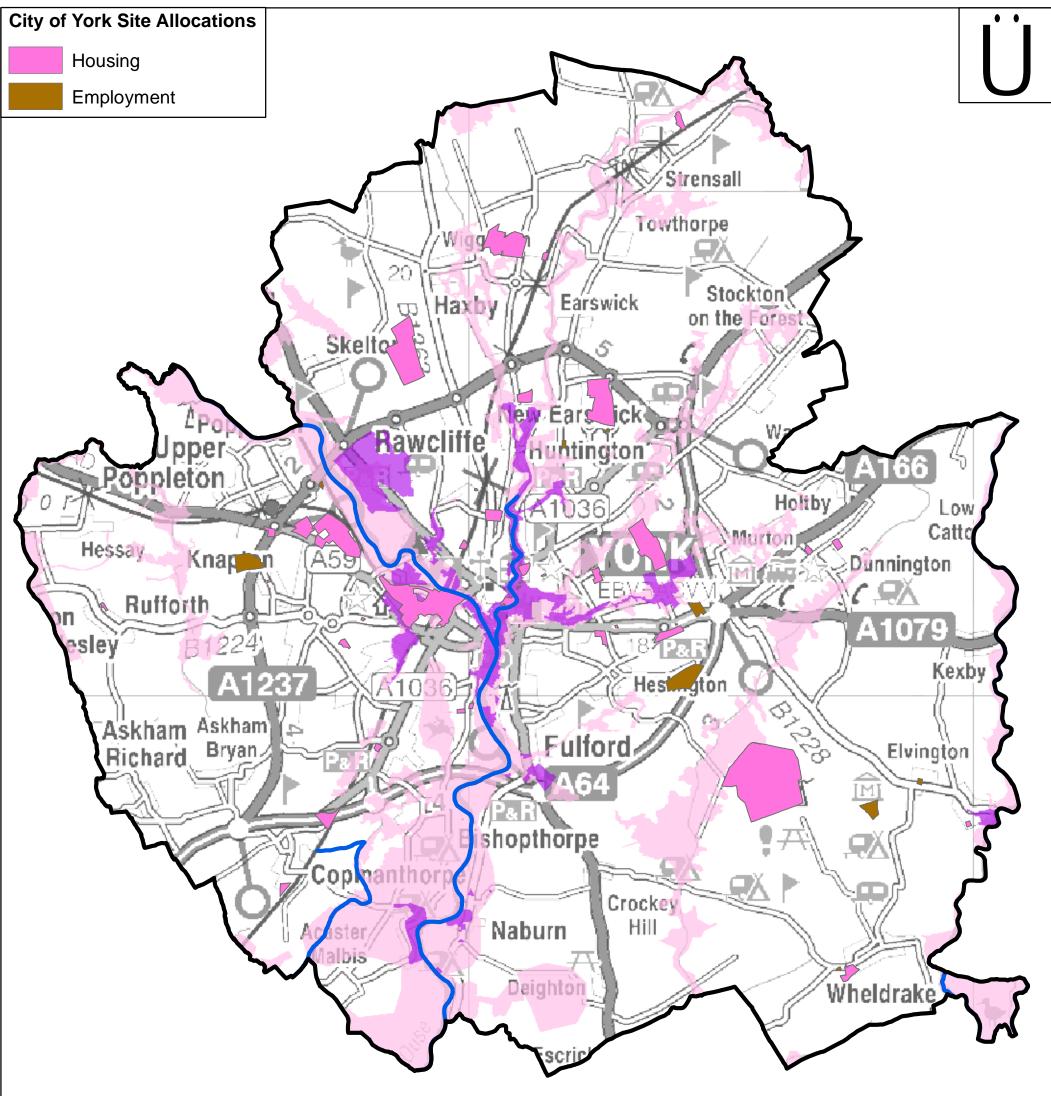
EA Flood Map for Planning				
Flood Zone 3a				
Flood Zone 3b		0	1	2
Flood Zone 2	Copyright:		Kilometres	
Area Benefitting form Flood Defences	Contains Ordnance Survey data © Crown copyright and databse 2016		AE	COM
Flood Storage Area Flood Defence	Contains Environment Agency information © Environment Agency	5th Floor, 2 City Walk, Leeds, LS11 9AR		Tel: 0113 391 6800 Fax: 0113 391 6899 www.aecom.com
Client:		Drawn: LB	Checked:	JP
	ENVIRONMENT AGENCY FLOOD MAP FOR PLANNING-	Verified: XXX	Approved:	XXX
Project:	RIVER DERWENT CATCHMENT	Date: 04-17	Scale at A3:	1:35,000
Strategic Flood Risk Assessment		Drawing Number:	Figure- 8F	A3



City of York Boundary				
Main River				
——— Other Watercourses		0	2.5	5
Environment Agency Risk of Flooding from			Kilometres	
Surface water High	^{Copyright:} Contains Ordnance Survey data © Crown copyright and databse 2016		AECO	MC
Medium Low	Contains Environment Agency information © Environment Agency	5th Floor, 2 City Walk, Leeds, LS11 9AR	Fax: 011	3 391 6800 3 391 6899 aecom.com
Client:	Title:	Drawn: LB	Checked: JP	
	ENVIRONMENT AGENCY	Verified: XXX	Approved: XXX	
Project:	RISK OF FLOODING FROM	Date: 04-17	Scale at A3: 1:75,00	00
Strategic Flood Risk Assessment	SURFACE WATER	Drawing Number:	Figure- 9	A3



Lorend]			
Legend City of York Boundary Main River		0	2.5 Kilometres	5
EA Areas Susceptible to Ground Water < 25% >= 25% <50% >= 50% <75% >= 75%	Copyright: Contains Ordnance Survey data © Crown copyright and databse 2016 Contains Environment Agency information © Environment Agency	5th Floor, 2 City Walk, Leeds, LS11 9AR	Fax: 01	DM 13 391 6800 13 391 6899 .aecom.com
Client:	Title: ENVIRONMENT AGENCY AREAS SUSCPTIBLE TO GROUND WATER FLOODING	Drawn:LBVerified:XXXDate:04-17Drawing Number:	Checked: JP Approved: XXX Scale at A3: 1:75,0 Figure- 10	



Lege	end		0	2.5] 5
				Kilometres	
	City of York Boundary	Copyright:			
	Main River	Contains Ordnance Survey data © Crown copyright and databse 2016		AECO	MC
	Environment Agency Flood Warning Area	Contains Environment Agency	5th Floor,	Tel: 011	3 391 6800
	Environment Agency Flood Alert Area	information © Environment Agency	2 City Walk, Leeds, LS11 9AR		3 391 6899 aecom.com
Client:		Title:	Drawn: LB	Checked: JP	
		ENVIRONMENT AGENCY	Verified: XXX	Approved: XXX	
Project:			Date: 04-17	Scale at A3: 1:75,0	00
S	trategic Flood Risk Assessment	AND FLOOD ALERT AREA	Drawing Number:	Figure- 13	A3