

## Redditch Borough Council - Catchment Areas Analysis

To help us understand some of the effects of the July 2007 floods, a preliminary schematic of the individual catchment areas has been digitally produced. The basis of these details is with reference to contoured OS plans where available, and no scanning has taken place. In other instances, indicative lines have been drawn between the various known watercourses. No account has been taken for the presence of ditches or sewers, neither of which appear on OS records and could otherwise distort the actual areas potentially draining to one watercourse or another.

NB. The catchments are split into 2 main areas East and West. The former drains to the River Arrow (to the east of the Birchfield Road/Evesham Road) ridge. The western areas ultimately drain to the River Severn, locally via the Bow (Shell) Brook system. These 2 watercourses are the only Main Rivers (EA Classification) within the RBC administrative area. At this stage, the Ipsley Brook has not been identified separately and in any event, comprises of several elements which ultimately feed to the main channel, either directly or via sewered connections.

<u>WEST - Bow Brook</u>		BDC		<u>EAST - River Arrow</u>		Total		BDC	
Spring Brook	361.649 ha	308.444	85.29%	<b>River Arrow - BDC</b>	3,217.155 ha		<u>3,217.155</u>	100.00%	
(Webheath)	103.075 ha	13.580	13.17%		<b>1 - 3,217.155 ha</b>	A441 Bordesley			
Alders Brook	309.054 ha			Batchley Brook	1,074.776 ha		628.726	58.50%	
Thickwithey Brook	114.099 ha			Red Ditch	200.110 ha		107.158	53.55%	
	<u>887.877 ha</u>			<b>River Arrow - RBC</b>	116.027 ha	(excl. Rush Lane BA)	<u>735.884</u>	<u>57.72%</u>	
Swans/Elcocks Brook	491.141 ha	251.207	51.15%		<b>2 - 4,608.068 ha</b>	Park Way	3,953.039	85.79%	
1A -	1,379.018 ha	573.231	41.57%	Old Yarr/Blaze Lane					
<b>The Wharrage</b>	205.951 ha			Dagnell Brook	1,216.660 ha		1,136.710	93.43%	
<b>Wixon Brook</b>	158.695 ha			Church Hill Brook	366.971 ha		281.691	76.76%	
1B -	364.646 ha			Blacksoils Brook	464.330 ha	(incl. SoDC)	239.473	51.57%	
<b>1 - 1,743.664 ha</b>		573.231	32.88%	Old Yarr/Blaze Lane	<u>2,047.961 ha</u>		<u>1,657.874</u>	<u>80.95%</u>	
				Old Yarr/Blaze Lane					
				<b>River Arrow - RBC</b>	504.193 ha	(incl. Church Hill)			
Plack Brook	230.604 ha				<b>3 - 7,160.222 ha</b>	Warwick Highway	5,610.913	78.36%	
<b>Swans Brook</b>	208.431 ha			<b>River Arrow - RBC</b>	1,086.667 ha	(incl. Ipsley Brook)	<u>157.727</u>	(SoDC)	
2A -	439.035 ha				<b>4 - 8,246.889 ha</b>	A435 Washford	5,768.640	69.95%	
1 -	1,743.664 ha			Mill Lane/Whirley Hole					
<b>2 - 2,182.699 ha</b>		573.231	26.26%	Mill Lane/Whirley Hole					
Doe Bank Brook	226.320 ha								
Brandon Brook	708.039 ha								
3A -	934.359 ha								
<b>Bow Brook</b>	602.855 ha								
3B -	1,537.214 ha								
2 -	2,182.699 ha								
<b>3 - 3,719.913 ha</b>		573.231	15.41%	Priest Bridge					