



# RRC Manual of Techniques

## Tabular View

River	Location	Region	River type	Technique	Completed	Original publication date	ID	PDF(s)
Alt	Knowsley	North West England	Low energy, clay	Radical re-design from uniform, straight channel to a sinuous, multi-channel river	1996	2002	<a href="#">3.4</a>	<a href="#">View</a>
Avon	Salisbury	South West England	Low energy, chalk	Narrowing of an over-widened channel using low cost groynes	1997	2002	<a href="#">3.5</a>	<a href="#">View</a>
Avon	Amesbury	South West England	Low energy, chalk	Fixing whole trees into the river bank for flow diversity	2008	2013	<a href="#">5.6</a>	<a href="#">View</a>
Babingley Brook	Hillington	Eastern England	Low energy, chalk	Restoring an on-line lake to a chalk stream	2007	2013	<a href="#">12.1</a>	<a href="#">View</a>
Braid Burn	Edinburgh	Central Scotland	High energy, gravel	New meanders replacing a lined urban channel	2010	2013	<a href="#">1.10</a>	<a href="#">View</a>
Bure	Blickling	Eastern England	Low energy, gravel	Felling and placing trees for habitat and flow diversity	2010	2013	<a href="#">5.7</a>	<a href="#">View</a>
Burn of Mosset	Forres	Northern Scotland	Medium energy, gravel	Breaching a flood bank to reconnect active floodplain processes	2010	2013	<a href="#">6.4</a>	<a href="#">View</a>
Calder	Padiham	North West England	Medium energy, gravel	Weir lowering and rock ramp construction	2010	2013	<a href="#">12.4</a>	<a href="#">View</a>
Chess	Latimer	South East England	Low energy, chalk	Introducing gravel to inaccessible reaches	1995	2002	<a href="#">3.9</a>	<a href="#">View</a>
Chess	Latimer	South East England	Low energy, chalk	Cost-effective silt removal from an impounded channel	1995	2002	<a href="#">10.3</a>	<a href="#">View</a>
Cole	Coleshill	South West England	Low energy, gravel	New meandering channel through open fields	1996	1999	<a href="#">1.1</a>	<a href="#">View</a>
Cole	Coleshill	South West England	Low energy, gravel	New meandering channel either side of existing channel	1996	1999	<a href="#">1.2</a>	<a href="#">View</a>
Cole	Coleshill	South West England	Low energy, gravel	New meandering channel in an impounded river channel	1996	1999	<a href="#">1.3</a>	<a href="#">View</a>
Cole	Coleshill	South West England	Low energy, gravel	Creation of backwaters	1996	1999	<a href="#">2.2</a>	<a href="#">View</a>
Cole	Coleshill	South West England	Low energy, gravel	Narrowing with aquatic ledges	1996	1999	<a href="#">3.2</a>	<a href="#">View</a>
Cole	Coleshill	South West England	Low energy, gravel	Hurdle and coir matting revetments	1996	1999	<a href="#">4.6</a>	<a href="#">View</a>
Cole	Coleshill	South West England	Low energy, gravel	Bifurcation weir and sidespill	1996	1999	<a href="#">5.1</a>	<a href="#">View</a>
Cole	Coleshill	South West England	Low energy, gravel	Drop weir structures	1996	1999	<a href="#">5.2</a>	<a href="#">View</a>
Cole	Coleshill	South West England	Low energy, gravel	Floodplain spillways	1996	1999	<a href="#">6.1</a>	<a href="#">View</a>
Cole	Coleshill	South West England	Low energy, gravel	Profiling of land between meanders	1996	1999	<a href="#">6.2</a>	<a href="#">View</a>
Cole	Coleshill	South West England	Low energy, gravel	Fords and stock watering point	1996	1999	<a href="#">8.1</a>	<a href="#">View</a>

Cole	Coleshill	South West England	Low energy, gravel	Watercourse crossings	1996	1999	<b>8.2</b>	<a href="#">View</a>
Cole	Coleshill	South West England	Low energy, gravel	Reedbed at Raglan Stream	1996	1999	<b>9.2</b>	<a href="#">View</a>
Cole	Coleshill	South West England	Low energy, gravel	Landform area	1996	1999	<b>10.2</b>	<a href="#">View</a>
Darent	Dartford	South East England	Low energy, chalk	Gravel reworking to restore a low flow channel	2005	2013	<b>5.8</b>	<a href="#">View</a>
Dearne	Mexborough	North East England	Low energy, gravel	Creating a sinuous low flow channel in an over-widened river	1995	2002	<b>3.6</b>	<a href="#">View</a>
Dulais	Llandeilo	South West Wales	High energy, gravel	Bank protection using root wads	2004	2013	<b>4.8</b>	<a href="#">View</a>
Great and Long Eau	Manby	North East England	Low energy, clay	Removing and setting back floodbanks	1996	2002	<b>6.3</b>	<a href="#">View</a>
Highland Water	New Forest	South West England	Medium energy, gravel	Returning a woodland stream to it's former sinuous course	2009	2013	<b>1.11</b>	<a href="#">View</a>
Inchewan Burn	Birnam	Northern Scotland	High energy, gravel	Replacing an armoured bed with boulder step-pools	2007	2013	<b>5.9</b>	<a href="#">View</a>
Kennet	Ramsbury	South West England	Medium energy, chalk	Raising river bed levels	2000	2002	<b>5.5</b>	<a href="#">View</a>
Little Ouse	Thetford	Eastern England	Low energy, gravel	Reconnecting remnant meanders	1994	2002	<b>1.7</b>	<a href="#">View</a>
Lodge Burn	Coleraine	Northern Ireland	Low energy, clay	Step-pool cascade fish pass and culvert bed improvement	2012	2013	<b>12.2</b>	<a href="#">View</a>
Marden	Calne	South West England	Medium energy, chalk	New meandering channel replacing concrete weirs	2000	2002	<b>1.5</b>	<a href="#">View</a>
Marden	Calne	South West England	Medium energy, chalk	Simulated bedrock outcrops	2000	2002	<b>5.4</b>	<a href="#">View</a>
Marden	Calne	South West England	Medium energy, chalk	Urban riverside access	2000	2002	<b>8.5</b>	<a href="#">View</a>
Monnow	Kentchurch	English/ Welsh border	Medium energy, sand	Complete removal of a large weir	2011	2013	<b>12.3</b>	<a href="#">View</a>
Nith	Cumnock	South West Scotland	High energy, gravel	Clay lined river	2000 & 2004	2002	<b>11.2</b>	<a href="#">View</a>
Ogwen	Snowdonia	North Wales	High energy, gravel	Restoring and stabilising over-deepened river bed levels	1998	2002	<b>5.3</b>	<a href="#">View</a>
Ogwen	Snowdonia	North Wales	High energy, gravel	Restoring a ford as a stock and vehicular crossing point	1998	2002	<b>8.4</b>	<a href="#">View</a>
Ravensbourne	Bromley	South East England	Low energy, gravel	Opening up a culverted stream	2000	2002	<b>1.6</b>	<a href="#">View</a>
Rother (Tidal)	Rye	South East England	Low energy, clay	Brushwood mattress bank stabilization on a tidal river	2005	2013	<b>4.9</b>	<a href="#">View</a>
Rother (Western)	Petworth	South East England	Medium energy, sand	Reconnecting a remnant meander	2004	2013	<b>1.9</b>	<a href="#">View</a>
Rottal Burn	Glencova	Northern Scotland	High energy, gravel	Restoring a meandering course to a high energy river	2012	2013	<b>1.8</b>	<a href="#">View</a>
Skerne	Darlington	North East England	Low energy, gravel	New meanders to one side of existing channel	1997	1999	<b>1.4</b>	<a href="#">View</a>
Skerne	Darlington	North East England	Low energy, gravel	Creation of backwaters	1997	1999	<b>2.1</b>	<a href="#">View</a>
Skerne	Darlington	North East England	Low energy, gravel	Current deflectors	1997	1999	<b>3.1</b>	<a href="#">View</a>
Skerne	Darlington	North East England	Low energy, gravel	Narrowing with aquatic ledges	1997	1999	<b>3.2</b>	<a href="#">View</a>

Skerne	Darlington	North East England	Low energy, gravel	Stone riffle	1997	1999	<a href="#">3.3</a>	<a href="#">View</a>
Skerne	Darlington	North East England	Low energy, gravel	Willow spiling	1997	1999	<a href="#">4.1</a>	<a href="#">View</a>
Skerne	Darlington	North East England	Low energy, gravel	Willow mattress revetment	1997	1999	<a href="#">4.2</a>	<a href="#">View</a>
Skerne	Darlington	North East England	Low energy, gravel	Log toe and geotextile revetment with willow slips	1997	1999	<a href="#">4.3</a>	<a href="#">View</a>
Skerne	Darlington	North East England	Low energy, gravel	Plant roll revetment	1997	1999	<a href="#">4.4</a>	<a href="#">View</a>
Skerne	Darlington	North East England	Low energy, gravel	Supporting bank slips and exposed tree roots	1997	1999	<a href="#">4.5</a>	<a href="#">View</a>
Skerne	Darlington	North East England	Low energy, gravel	Profiling of land between meanders	1997	1999	<a href="#">6.2</a>	<a href="#">View</a>
Skerne	Darlington	North East England	Low energy, gravel	Floodplain scrapes	1997	1999	<a href="#">7.1</a>	<a href="#">View</a>
Skerne	Darlington	North East England	Low energy, gravel	Access paths suitable for disabled users	1997	1999	<a href="#">8.3</a>	<a href="#">View</a>
Skerne	Darlington	North East England	Low energy, gravel	Surface water outfalls	1997	1999	<a href="#">9.1</a>	<a href="#">View</a>
Skerne	Darlington	North East England	Low energy, gravel	Landforms at keepsafe and Rockwell	1997	1999	<a href="#">10.1</a>	<a href="#">View</a>
Somer	Midsomer Norton	South West England	Low energy, clay	Sinuuous low-flow course in an over-wide urban channel	2011	2013	<a href="#">3.10</a>	<a href="#">View</a>
Sugar Brook	Manchester	North West England	Low energy, clay	Diversion of a river valley	1998	2002	<a href="#">11.1</a>	<a href="#">View</a>
Tall	Ardress	Northern Ireland	Low energy, clay	Creation of on-line bays	1996	2002	<a href="#">3.8</a>	<a href="#">View</a>
Thames	Clifton Hampden	South West England	Medium energy, clay	Bank revetment using low steel sheet piling and coir rolls	1996	2002	<a href="#">4.7</a>	<a href="#">View</a>
Thames	Farmoor	South West England	Medium energy, clay	Floodplain wetland mosaic	1991	2002	<a href="#">7.2</a>	<a href="#">View</a>
Valency	Boscastle	South West England	High energy, gravel	Creating 'natural' features in a heavily engineered flood scheme	2008	2013	<a href="#">5.10</a>	<a href="#">View</a>
Yardley Brook	Birmingham	Central England	Medium energy, clay	Replacing a concrete drain with a 'natural' channel	1995	2002	<a href="#">3.7</a>	<a href="#">View</a>