

















## Roundmoor Ditch Restoration Project Site Plan Enhancements Method Statement

Plan Ref	Plan Key	Item	Description of Method	Materials
1.1		<b>Cattle Drink</b>	Installation of drink at junction of Roundmoor Ditch/ Cress Brook to provide access to drinking water for livestock. Current status of site; channel and confluence morphology is completely lost.	Wooden post and sleepers, metal mesh, concrete, cobbles.
1.2		<b>Cattle Drink</b>	Formalised cattle drink area with use of temporary fencing. The current area already has a gravel substrate that provides an amount of recharge of gravel into the river when cattle use this location for a drink. This will be left as is as it is beneficial to the river. Hard standing substrate may be added to cattle drink if required, monitoring of this will take place	Temporary fencing.
2.1		<b>Berms</b>	Install natural berms to encourage narrowing of river, provide a provision of habitat, and protection of bank at identified locations on site.  Berm between lower reconnection points of lake on the East bank to reduce flow of water through water body, and encourage accretion and reduction in water body size.	Wooden stakes, coir rolls, mesh, woody debris.
2.2		<b>Berms</b>	Install natural berms to encourage narrowing of river, provide a provision of habitat, and protection of bank at identified locations on site.	Wooden stakes, coir rolls, mesh, woody debris.
3.1		<b>Double Deflectors</b>	Install double deflectors to increase flow velocity to keep main flow flowing down main channel, encourage scouring of river bed with aim of cleaning gravels by reducing silt.	Wooden stakes, coir rolls, large woody debris.
4.1		<b>Alternating Deflectors</b>	Installation alternation deflectors (up to 1/3 channel width) to meander flow, enhance semi natural berms, and cause scouring of river bed and accretion.	Wooden stakes, coir rolls, large woody debris.
5.1		<b>Mid-Channel Underwater Deflectors</b>	Installation of mid-channel underwater deflectors to help cause scouring of river bed and create natural pools.	Wood.

**Roundmoor Ditch Restoration Project Site Plan Enhancements Method Statement**

6.1		<b>Deflectors (one side)</b>	Installation of deflectors (up to 1/3 channel width) to encourage accretion and reformation of natural bank width, and direct flow main channel.	Wooden stakes, coir rolls, large woody debris.
6.2		<b>Deflectors (one side)</b>	Installation of deflectors (up to 1/3 channel width) to encourage accretion and reformation of natural bank width, and direct flow main channel.	Wooden stakes, coir rolls, large woody debris.
7		<b>Tree reductions</b>	Use of hand tools to reduce or perform reductions to suitable tree sizes and remove obstruction fallen branches. Save material onsite for future use.	N/A
8		<b>Temporary Fencing</b>	Supply, and install temporary fencing at identified priority sites on the Roundmoor Ditch to protect works being undertaken by cattle.	Wooden post/ rail/ wire
9		<b>Marginal Planting</b>	Work with landowners/ residents to install marginal planting in the form of seed coir rolls and plants transplanted on site at suitable identified hard banking sites to increase natural habitat and encourage more natural river processes.	Seed mix, coir rolls, wooden stakes, mesh.
10		<b>Large wood debris</b>	Strategically placed tree trunks/ limbs to narrow river, and protect river bank.	Tree trunks/ limbs.
11	 	<b>Bank Repairs</b>	Repair identified priority locations of damaged banks with natural methods. These areas are areas that fall within the temporary fencing sections. If more are identified as the project progress we will aim to fix this also.	Wooden stakes, coir rolls, in fill substrate, geotextile.
12		<b>Slip</b>	Repair slip or install steps.	Gravel or wood and in-fill substrate.

**Roundmoor Ditch Restoration Project Site Plan Enhancements Method Statement**