



LORP: The Lower Otter Restoration Project

Mike Williams, FCRM Advisor (Habitat Creation), PSO (East)



Why clear?

Why have you cut down all the trees?

- Salt water will kill most vegetation
- Difficult to remove once flooded
- Dead trees unpopular on other sites
- Trap debris; hard to clear
- Waders need good visibility
- Can attract predatory species



Landscapes change



Landscapes change

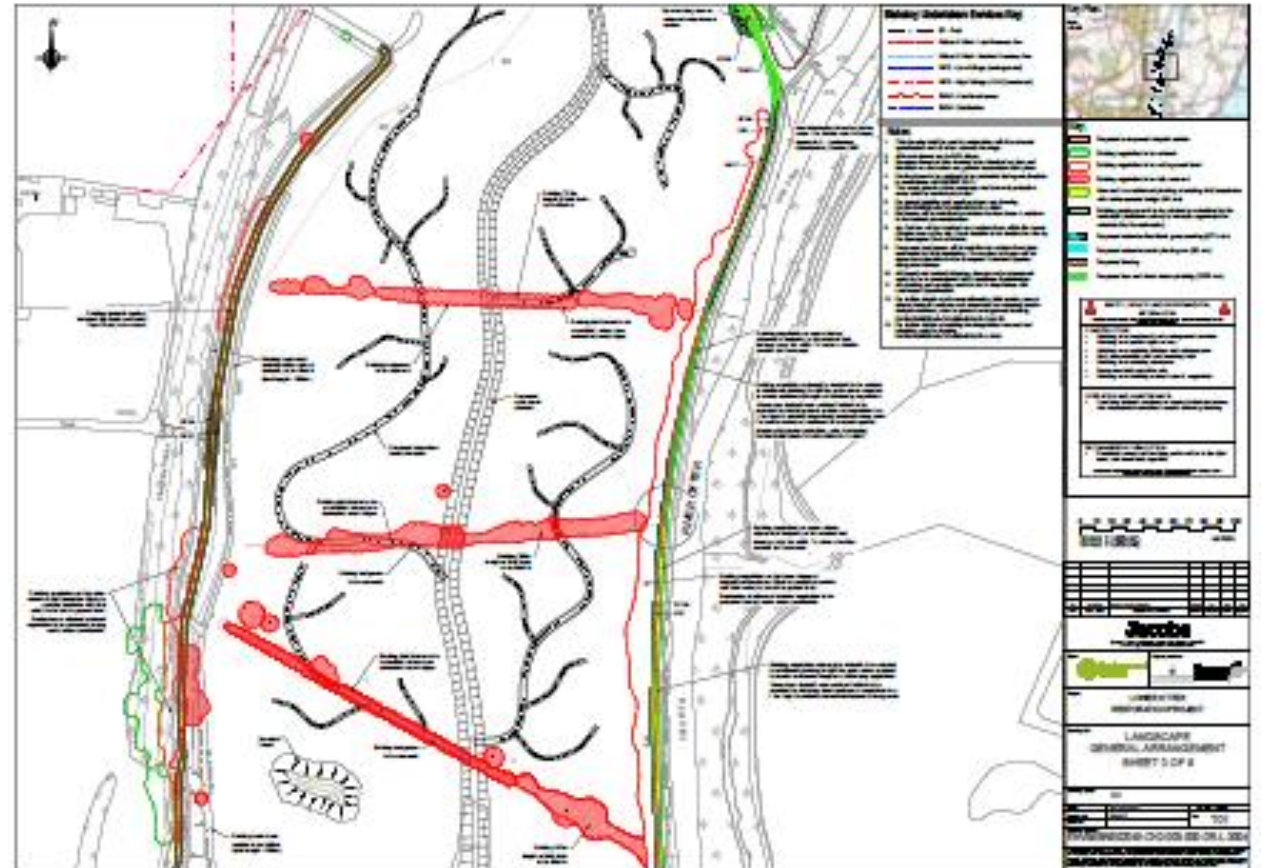
1968 Flood event

- No trees on the landfill site
- Site operational until 1978



Retain and enhance

- Floodplain mapped
- Remove from valley floor
- Enable regrowth at margins
- Retain where not flooded



Replacement ... and more

Extensive planting programme

- 2.4ha new woodland on landfill
- More woodland off site
- Hedges alongside road
- Large trees by car park
- Invasive species control
- Rare species translocated



Enhancement

- Over 1 km new hedge planted
- 1.8km gapped up / improved
- Native species

Native-species Hedgerow (NH)					TOTAL
Planted at 5 transplants per linear metre					
SPECIES	AGE/CONDITION	SIZE (cm)	GROUP SIZE	% of mix	
<i>Acer campestre</i>	1+1 bare root fplant	40-60	3 to 7	5.0%	108
<i>Cornus sanguinea</i>	1+1 bare root fplant	40-60	3 to 7	5.0%	108
<i>Corylus avellana</i>	1+1 bare root fplant	40-60	3 to 7	25.0%	520
<i>Crataegus monogyna</i>	1+1 bare root fplant	40-60	3 to 7	30.0%	622
<i>Euonymus europaeus</i>	1+1 bare root fplant	40-60	3 to 7	5.0%	108
<i>Ilex aquifolium</i>	3L CG	40-60	3 to 7	5.0%	108
<i>Malus sylvestris</i>	1+1 bare root fplant	40-60	3 to 7	5.0%	108
<i>Prunus spinosa</i>	1+1 bare root fplant	40-60	3 to 7	10.0%	210
<i>Rosa canina</i>	1+0 bare root fplant	40-50	3 to 7	5.0%	108
<i>Viburnum opulus</i>	1+1 bare root fplant	40-60	3 to 7	5.0%	95
Total transplant numbers					2095
Infill planting length of hedge (linear metres).					412
Total length of hedgerow					
% of infill planting					

