

**CALEY GREEN PROPOSAL – WORKING DOCUMENT**

**D R A F T V4 – Updated 8.7.21**

**VISION: To restore the revetment and eroded riverbank at Caley Green without further harm to the environment**

**CONSULTEES:** Suffolk County Council; Babergh District Council; Babergh District Public Realm; Nayland with Wissington Parish Council; EA Waterways Navigation Team; EA Biodiversity Team; Dedham Vale & Stour Valley AONB Project Team; River Stour Trust; Friends of Caley Green; Community of Nayland with Wissington; SCC Ecologists

Objective	Desired outcome	Options	Source of information/supplier	Possible issues	Agreed next steps
<b>1. REVETMENT</b>					
1.1 To provide a launching area for river craft	Allocated launching area enables river to be accessed without undue erosion of riverbank	To replace existing wooden revetment, approx. 10m		Revetement will be short lived and will be damaged by river users coming out of river	
		To build a jetty structure	Enquiries rec'd by EA EA would only consider if there was shown to be overwhelming support; view is that river users would still launch from bank	Possibly will increase influx of visitors, increasing likelihood of damage to river	
1.2 To prevent erosion points at extents of revetment	Protection of revetment either side will prevent water entering behind and causing	Planting either side revetment with small, limited area of ?water iris		Restricted access to riverside and clear view of river	

	erosion				
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**2. RESTORE AND RETAIN ERODED RIVERBANK**

<b>Objective</b>	<b>Desired Outcome</b>	<b>Options</b>	<b>Source of information/supplier</b>	<b>Possible issues</b>	<b>Agreed Next Steps</b>	
2.1 To restore riverbank to its previous alignment	Reinstate silt to eroded area of riverbank	To transport approx. 20 tons of silt to build up lost area of erosion	SCC Senior Ecologist site mtg 22.6.21	Silt may introduce unwanted contamination. Transport will cause damage to Green		
2.2 To protect curved area of riverbank from further erosion and long term flood risk – area previously protected by reed bed	Riverbank is protected from further erosion but with attention to maintaining as clear a view of the river as possible	2.2.1 Pre-seeded coir rolls to provide a base for riparian growth. Low native non invasive plants – <b>SCC to advise on planting scheme to be used</b> Wooden stakes used to keep coir rolls in situ until established	<a href="https://www.salixrw.com/product/coir-rolls/">https://www.salixrw.com/product/coir-rolls/</a> Received from EA and DV AONB. Possible local contractors in Ardleigh and Manningtree Following SCC advice on riverbank scheme, specification to be drawn up by working party and put out to tender	Coir rolls may include species that grow taller than desired		
		2.2.2 Re-introduction of reeds along riverbank				SCC Senior Ecologist and EA – reeds would be the preferred option, encouraging wildlife and providing habitat for fish fry
		2.2.3 Plant small pocket of reeds on green side of stream/culvert				

		2.2.4 Plant 4 willow trees along whole stretch of open riverbank	SCC Senior Ecologist site mtg 22.6.21. Preferred option from ecological point of view: roots will provide stability for riverbank and canopy will cool water and attract fish breeding	Willows along the riverbank will obscure view of river	
		2.2.5 Plant willow on green side of stream/culvert to protect corner from erosion	SCC Senior Ecologist site mtg 22.6.21	Willow will need to be maintained to agreed size Consultation with householder	
		2.2.6 Insert gabion cages to line the river curve from the revetment to the stream	Cllr Dawn Harris PC	Not recommended by EA: introduction of materials not natural to environment. Last 40-60 years	
		2.2.7 Insert aqualogs to line the river curve	Sally Dalton Zoom meeting 8.7.21	Is non-biodegradable and introduces non-local material. Expensive, unwieldy. Is not a 'soft' revetment and would provide a harder protection than needed. Would be left with a stony edge	
		2.2.8 Build wooden revetment backed with Nicospan	Adrian Amos Zoom meeting 8.7.21	Nicospan is a woven polymer and over time microparticles will release into river and travel to the sea. Not recommended by EA	
2.3 To protect from erosion the section of riverbank between	Riverbank is protected from any future erosion	Pre-seeded coir rolls to provide a base for native, low level riparian growth	SCC Senior Ecologist site mtg 22.6.21	Coir rolls may include species that grow taller than desired	

stream and revetment (left hand side)					
2.4 To protect section of riverbank between revetment and existing reed bed (right hand side)	Riverbank is protected from any future erosion	2.4.1 Pre-seeded coir rolls to provide a base for native low-level riparian growth	SCC Senior Ecologist site mtg 22.6.21	Will restrict access to river – is this an area that is as vulnerable to erosion?	
		2.4.2 Plant willow tree next to existing reed bed		Willow will need to be maintained to agreed size	
		2.4.3 This stretch of riverbank is not currently vulnerable to erosion – to leave clear	James Carr to advise on whether this area is vulnerable to erosion		Mary to ask James Carr whether this area is vulnerable to erosion
2.5 To ensure view of river and access to riverside is not compromised by over- riparian growth	Riverbank from erosion whilst allowing good view of the river	To draw up maintenance plan to ensure plants/trees are regularly maintained (i) at maximum height of 1m (ii) to prevent growth into river (iii) to prevent growth further along riverbank		Who will carry out maintenance, and how will it be monitored?	

### 3. ASSOCIATED ACTIONS (PHASE TWO)

Objective	Desired Outcome	Options	Source of information/supplier	Possible Issues	Agreed Next Steps
3.1 To ensure bench(es) are suitably located	Bench(es) are situated to allow clear access along footpath/allow river users to enter river, whilst having a clear view of river	3.1.1 Existing bench to remain in place. To add a second bench higher up slope and to the left of existing		-Current position of bench hinders entry to river by river users -Lack of funding to pay for relocating existing bench and path, and for any new benches	
		3.1.2 Existing bench to be relocated further away from revetment			
3.2	Green area in front of revetment is protected from damage by wear	3.2.1 Board in front of revetment to protect the green			
3.3	Caley Green area near to riverbank is protected	3.2.2. Put reinforcement on Caley Green			

1st draft: 8.6.21, P Wilkie, Councillor NsW Parish Council  
 2<sup>nd</sup> draft: 22.6.21, P Wilkie, Councillor NsW Parish Council  
 3<sup>rd</sup> draft: 24.6.21, Caley Green Working Party  
 4<sup>th</sup> draft: 8.7.21 P Wilkie following Zoom meeting

**ACTION:**

- Circulate draft to Caley Green Proposal Working Party (P Wilkie, N Cartwright, D Harris), discuss and agree
- Mary to collect specific details of seeds that would be in coir rolls and ask James Carr about right hand side of revetment
- Arrange public relations zoom meeting to present proposal to those people who have voiced reservations through petition:

To include parish council, Senior Ecologists Andrew and Seph, James Finch, Melanie Barrett, Mike Hunter, James Carr, Friends of Caley Green (max 25)

Possible dates: evening of 2<sup>nd</sup>, 3<sup>rd</sup>, 6<sup>th</sup>, 8<sup>th</sup> July

(Mary exploring who to host zoom meeting)

- Discuss and agree content at Parish Council July 14<sup>th</sup>
- Working party to draw up final version, wording etc for Community Times
- Proposal to appear in August Edition of Community Times, inviting comments before xxx