

Draft - Adaptive Management East Head – Action Plan Triggers

Trigger	Groyne Bay C20 - C21, Section A-A	Groyne Bay C21 - C22, Section B-B	Groyne Bay C22 - C23, Section C-C	Groyne Bay C23 - C24, Section D-D	Up to 150 metres north of Groyne C24
1. Clay substratum: periodic exposure.	Keep watching brief – monthly check (WWE)	Keep watching brief – monthly check (WWE)	Keep watching brief – monthly check (WWE)	-	-
2. Clay substratum: persistent and increasing exposure (over 3 continuous months exposure).	Increase watching brief to fortnightly checks + post storm. Seek advice from Chichester District Council's engineers (WWE)	Increase watching brief to fortnightly checks + post storm. Seek advice from Chichester District Council's engineers (WWE)	Increase watching brief to fortnightly checks + post storm. Seek advice from Chichester District Council's engineers (WWE)	-	-
3. Timber breastworks: failure of up to 5 planks.	CDC to replace planks under coastal defence maintenance contract. CDC to discuss funding with EHCIAG, should coastal defence maintenance budget be exhausted (CDC)	Do not replace, Make safe and isolate / re-profile ground to manage any resulting swallow holes (WWE)	Do not replace, Make safe and isolate / re-profile ground to manage any resulting swallow holes (WWE)	-	-
4. Timber breastworks: failure of more than 5 planks	Make safe / undertake temporary repairs (WWE) Determine approach at meeting of EHCIAG	Do not replace, Make safe and isolate / re-profile ground to manage any resulting swallow holes (WWE)	Do not replace, Make safe and isolate / re-profile ground to manage any resulting swallow holes (WWE)	-	-
5. Buried Gabions: exposure	Carry out asset assessment (CDC) undertake minor repairs or removal.	Carry out asset assessment (CDC) undertake minor repairs or removal.	-	Carry out asset assessment (CDC) undertake minor repairs or removal.	-
6. Clay Substratum: erosion threatening undermining of timber breastworks	Increase monitoring of breastwork, Make safe and isolate / re-profile ground to manage any resulting swallow holes (WWE)	Increase monitoring of breastwork, Make safe and isolate / re-profile ground to manage any resulting swallow holes (WWE)	Increase monitoring of breastwork, Make safe and isolate / re-profile ground to manage any resulting swallow holes (WWE) Consider lowering groyne C23 to increase sediment transport	-	-
7. Clay Substratum: erosion threatening undermining of timber groynes	Increase monitoring (WWE) , install lower planking subject to coastal budget availability (CDC)	Increase monitoring (WWE) , install lower plank subject to coastal budget availability (CDC)	Increase monitoring (WWE) , install lower plank subject to coastal budget availability (CDC)	Increase monitoring (WWE) , install lower plank subject to coastal budget availability (CDC)	-
8. Timber breastworks: failure of pile.	Make safe and isolate / re-profile ground to manage any resulting swallow holes (WWE)	Make safe and isolate / re-profile ground to manage any resulting swallow holes (WWE)	Make safe and isolate / re-profile ground to manage any resulting swallow holes (WWE)	-	-
9. Outflanking of timber groynes	Make safe / isolate area (WWE), lower planking to match remaining beach level. Monitor and consider options at EHCIAG meeting including extending or shortening/lowering the landward end of groyne C21.	Make safe / isolate area (WWE), lower planking to match remaining beach level. Monitor and consider options at EHCIAG meeting including extending or shortening/lowering the landward end of groyne C22.	Make safe / isolate area (WWE), lower planking to match remaining beach level. Monitor and consider options at EHCIAG meeting including extending or shortening/lowering the landward end of groyne C23.	Make safe / isolate area (WWE), lower planking to match remaining beach level. Monitor and consider options at EHCIAG meeting including extending or shortening/lowering the landward end of groyne C24.	-
10. Over washing: of saltwater from open coast into saltmarsh.	Keep safe, signage, re model beach to maintain access Weekly / post storm monitoring and update EHCIAG meeting (WWE)	Keep safe, signage, re model beach (WWE) to maintain access. Weekly / post storm monitoring to asses risk of breach (WWE/CDC).	Keep safe, signage, re model beach (WWE) to maintain access. Weekly / post storm monitoring to asses risk of breach (WWE/CDC).	Keep safe, signage, re model beach (WWE) to maintain access. Weekly / post storm monitoring to asses risk of breach (WWE/CDC).	Keep safe, signage, re model beach (WWE) to maintain access. Weekly / post storm monitoring to asses risk of breach (WWE/CDC).
11. Landward Erosion up to 5m	Subject to breastwork repair fill swallow holes, otherwise same approach as C21-24 (WWE) Relocate car park if surface significantly affected (WWE)	Keep safe, signage, manage but maintain access and monitor weekly. Determine approach at EHCIAG meeting within 2 weeks (EHCIAG) Divert access away from breastworks. (WWE)	Keep safe, signage, manage but maintain access and monitor weekly. Determine approach at EHCIAG meeting within 2 weeks (EHCIAG)	Keep safe, signage, manage but maintain access and monitor weekly. Determine approach at EHCIAG meeting within 2 weeks (EHCIAG)	Monitor weekly and update EHCIAG meeting (NT)
12. Erosion / lowering of ground height: resulting in less than a 10m strip of land above 3.6m OD between open coast and saltmarsh.	-	Keep safe, signage; maintain access, and monitoring at least weekly. (WWE) Prepare planning permission and contract documents for recharge/recycling (CDC/WWE)	Keep safe, signage; maintain access, and monitoring at least weekly. (WWE) Prepare planning permission and contract documents for recharge/recycling (CDC/WWE)	Keep safe, signage; maintain access, and monitoring at least weekly. (WWE) Prepare planning permission and contract documents for recharge/recycling (CDC/WWE)	Keep safe, signage; maintain access, and monitoring at least weekly. (WWE) consider Preparing planning permission and contract documents for recharge/recycling (CDC/WWE)
13. Tidal Breach	WWE to seal with locally won material on behalf of CDC as Coast Protection Authority (WWE/CDC/NE) Initiate special EHCIAG site meeting within 1 week. Act to ensure access is maintained and make safe.	WWE to seal with locally won material on behalf of CDC as Coast Protection Authority (WWE/CDC/NE) Initiate special EHCIAG site meeting within 1 week. Act to ensure access is maintained and make safe.	WWE to seal with locally won material on behalf of CDC as Coast Protection Authority (WWE/CDC/NE) Initiate special EHCIAG site meeting within 1 week. Act to ensure access is maintained and make safe.	WWE to seal with locally won material on behalf of CDC as Coast Protection Authority (WWE/CDC/NE) Initiate special EHCIAG site meeting within 1 week. Act to ensure access is maintained and make safe.	WWE to seal with locally won material on behalf of CDC as Coast Protection Authority (WWE/CDC/NE) Initiate special EHCIAG site meeting within 1 week. Act to ensure access is maintained and make safe.
14. Safety Concern	Any member of the group shall be entitled to call a meeting if they consider there to be a safety concern.	Any member of the group shall be entitled to call a meeting if they consider there to be a safety concern.	Any member of the group shall be entitled to call a meeting if they consider there to be a safety concern.	Any member of the group shall be entitled to call a meeting if they consider there to be a safety concern.	Any member of the group shall be entitled to call a meeting if they consider there to be a safety concern.

