

Our Ref: LD_5. Date: 28 February 2022

Dear Resident

Lydd Ranges Sea Defence Scheme

We are writing to inform you that we will resume works on the Lydd Ranges Sea Defence Scheme in April. From March, we will be getting ready to resume work and you will see increased activity.

The Lydd Ranges Sea Defences Scheme is one of a number of schemes that together form the Folkestone to Cliff End Strategy (FoCES) which when complete will better protect 14,500 homes throughout Kent and East Sussex from coastal flooding.

Once completed the scheme will provide better protection to this environmentally important area, the Ministry of Defence (MoD) Lydd firing range and the people, property and businesses within the Romney Marsh area from coastal flooding and erosion for 25 years.

The Environment Agency appointed specialist marine contractors Van Oord (VO) to carry out Sea Defence works at Lydd Ranges over the spring, summer and autumn months of 2021, 2022 and 2023.

This year, 2022, we propose to carry out the following works between April and October (inclusive):

Activity	Description	Timing
South Brooks (green wall)	Earth embankment strengthening. Material will be delivered by lorry directly into the range accessing via gate 6 (estimated maximum 3 lorries per day) and used to repair and raise low spots.	April to September
Installing new timber groynes	Finishing the groyne installation work started in 2021 at Jury's Gap and at Wick's end of Jury's Gap.	April to September (dependent on environmental constraints)
Beach nourishment in the newly constructed groyne field between Jury's Gap and Wicks	Material will be brought in via Van Oord Dredger Vox Amalia (not by road). The material will be pumped to the beach using a pipeline from the dredger. When the material reaches the beach, bulldozers and wheel loaders will distribute and profile the material. These items of plant will be operational on the beach 24 hours a day 7 days per week, working a tidal shift pattern. The plant are fitted with	4 weeks starting mid-August



(Photo source: Lydd scheme)



(Photo Source: Bacton)

	modified reverse alarms to reduce noise.		
Rock revetment	Rock was delivered in 2020 and was placed in a stockpile which you can see from the Jury's Gap lookout. This year we are moving and placing the rock to reinforce the Green Wall at Jury's Gap. Rock will be moved using mechanised equipment on the beach.		October
Jury's Gap to Wick's access track	Works to refurbish the access track between Jury's Gap and Wicks. At its peak this work will require 10 loads of concrete per day, which will be delivered by lorry.		April to October
Denge outfall	Works to relocate the existing Denge Marsh outfall control structures.		May to July

The vast majority of the timber has been prepared over the winter. Any remaining timber works will be for no more than 4 hours during the day at high-tide with noise barriers in place.

During this work, the section of the beach where we are working will be closed. For your own safety please follow the erected signage and do not enter the working areas.

For further information on this scheme please visit the project website <https://www.gov.uk/government/publications/lydd-ranges-sea-defence-scheme/lydd-ranges-sea-defence-scheme> or scan the QR code below.

If you have any queries about this, or the scheme in general, please contact us via our project inbox at lyddranges@environment-agency.gov.uk

If you would like to sign up to our email circulation list please contact me directly at the email address below.

Thank you for your support and understanding during the works.

Yours faithfully,



Lydd Ranges Sea Defences Scheme, Project Team

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**Lydd Ranges Sea Defence Scheme
spring, summer and autumn months 2021 - 2023**

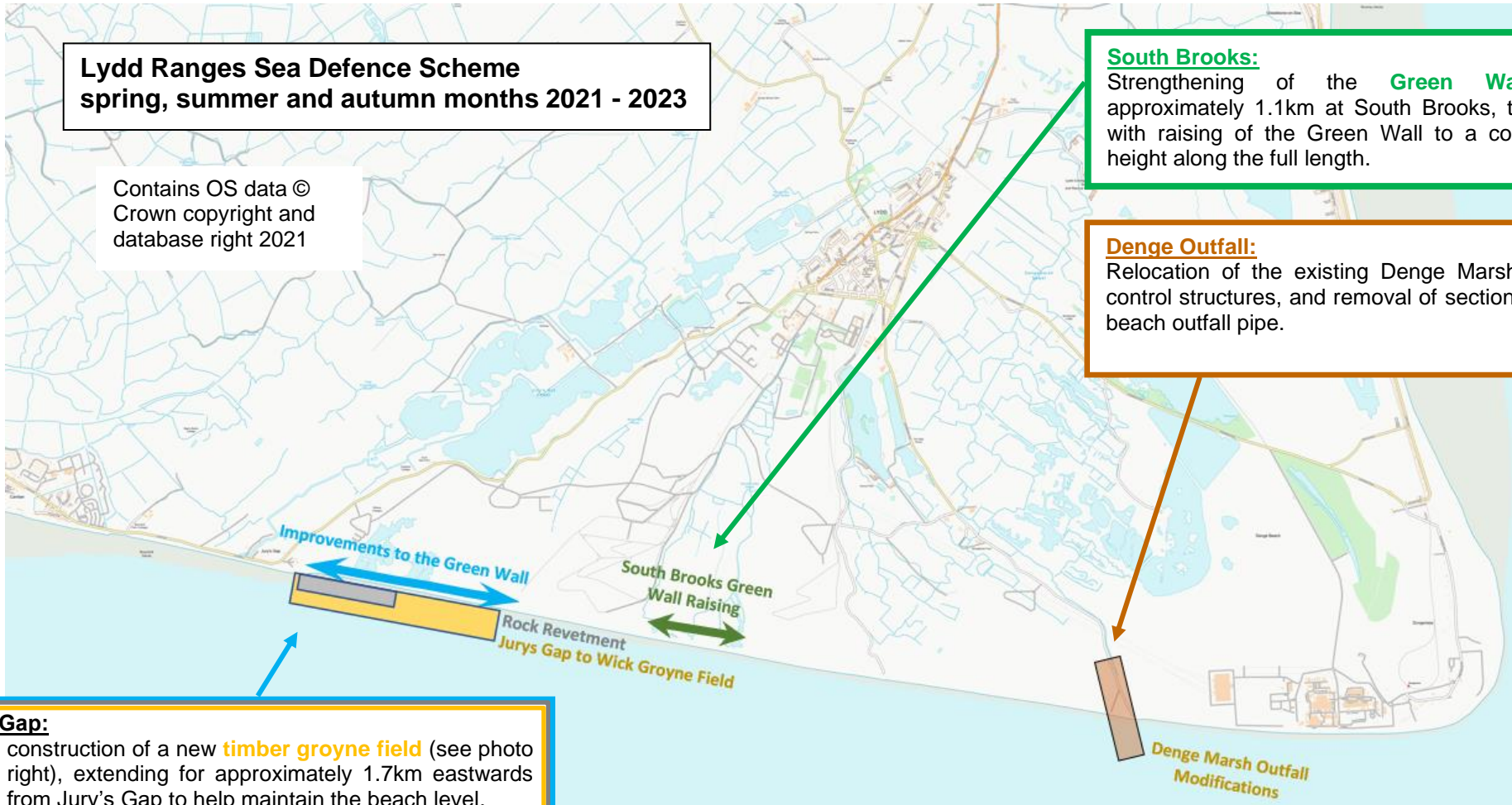
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South Brooks:

Strengthening of the **Green Wall** for approximately 1.1km at South Brooks, together with raising of the Green Wall to a consistent height along the full length.

Denge Outfall:

Relocation of the existing Denge Marsh outfall control structures, and removal of sections of the beach outfall pipe.



Jury's Gap:

- a) construction of a new **timber groyne field** (see photo right), extending for approximately 1.7km eastwards from Jury's Gap to help maintain the beach level.
- b) work to extend the **rock revetment**.
- c) beach nourishment - importing additional shingle onto the beach to provide better protection against flooding from the sea. The shingle will be imported using a dredger (see photo right).
- d) **improvements to the 'Green Wall'** embankment for approximately 2.0km between Jury's Gap and Wicks. Repairs and raising of low spots.



Van Oord Dredger, Vox Amalia



Groynes being constructed at nearby Hythe Ranges