



COMMUNITY NEWSLETTER

Stornoway Port Authority Deep Water Terminal

February 2023

Issue 07

Deep Water Terminal progress in January



Rock platforms and quay walls

Works undertaken in January include:

- 362,000 cubic metres dredged from the seabed and placed in reclamation area
- Continued rock blasting; total of 541,000 tonnes produced so far
- Installed a further 40 tubular piles and sheet piles to form the quay walls

Work experience opportunities for students

McLaughlin & Harvey will be offering additional work experience opportunities to local students over the summer. These are aimed at people aged 17 and over who are resident in Lewis or Harris who are studying or interested in studying engineering or construction subjects.

Details of the opportunities and how to apply will be advertised shortly. To register an interest, please email: mclh.5445@mclh.co.uk



Local student Gordon Cameron measuring levels on the site







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Land reclamation progress

Dredging started on 4th January and is progressing well.

The dredge vessel is fitted with a trailer suction pipe, through which seabed material is pumped into the vessel's cargo hold.

Once the hold is full, the vessel goes to the inlet pipe at the south of the reclamation area to discharge the material into the reclamation area.

The dredged material is good quality sand and gravel. After placement in the reclamation area, the seawater drains away and leaves a firm surface.

Excavators spread the material around the reclamation area, leaving a level area.

The material is then



compacted by a process called dynamic compaction.

This involves repeatedly dropping a weight onto a steel plate in contact with the top of the dredged material.



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Quay wall

Most of the quay wall piles are now in place the gap between the piles and the reclamation area is being filled with rock.

Month ahead

Work to be carried out in February includes:

- Complete dredging & placement of material in reclamation area
- Continue to compact dredge material
- Continue installing quay wall piles
- Continue rock blasting and formation of link road



For more information about the project, or to discuss any concerns, please contact Project Manager, Chris Penman, on mclh.5445@mclh.co.uk



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