# Video Transcript – Dredging at CY O’Connor Beach

The City of Cockburn undertakes a whole range of actions to mitigate erosion and manage the coastline in accordance with our Coastal Adaptation Plan.

The new approach is similar to that used on beaches elsewhere WA, is more efficient, will result in shorter closures of the beach, is just as safe but it will look different.

Beach sand replacement has been undertaken periodically to Coogee Beach and C Y O’Connor Beach in recent years to manage erosion and maintain the look of the beach.

Sand has always been excavated from the beach north of Port Coogee (nearby South Fremantle Power Station site) Typically its trucked north on C Y O’Connor Beach or pumped south across Port Coogee to the top end of Coogee Beach.

Sand has accumulated to the north of Port Coogee beach was constructed in 2006 due to the natural southward sand drift pattern along this section of coast. A lot of sand has accumulated in areas further out from the beach so it hasn’t been accessible by a typical excavation works that the City has previously undertaken. So this year we are utilising a floating dredge to access this material

The floating dredge will suck material directly from the seabed and pump it to the sand replenishment sites. The pipeline will run along the beach which means a couple of the areas will be closed during the works. Material that is being dredged is being tested and is being confirmed if safe for use on the beach.

The sand will lighten and bleach in the sun in the weeks following the works to better blend in with the natural beach sand colour.

We should be starting this new way of sand replacement in March 2022. If you want to find out more about this, visit our website.