



Excavation from shore – Bremer Bay 2010



Sand bypassing Dawesville – 2009

Sand bypassing is needed when there is a man made barrier stopping the natural flow of sediment such as a large harbour or navigation channel. Bypassing involves mechanically relocating the sand from the area of accumulation to a safe disposal site past the barrier.

DoT's maintenance dredging and sand bypassing programs occur throughout WA. However, work is dependent on weather and local coastal process, and can be hard to predict. Typical dredging frequencies and methods are outlined in the following table.

Dredging		
Site	Average Frequencies	Equipment
Onslow	5 year	Floating dredge
Exmouth	2-3 year	Excavator/Floating Dredge
Carnarvon	4 year	Floating dredge
Denham	7 – 10 year	Floating dredge
Kalbarri	Annual	Floating dredge
Jurien	5 – 10 year	Floating dredge
Ocean Reef	Annual	Excavator
Bremer Bay	Annual	Excavator
Esperance	2 year	Floating dredge
Mandurah	Annual	Customised sand bypassing equipment
Dawesville	Annual	Customised sand bypassing equipment

For further information please contact

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