



SAND BYPASS + TRANSFER SYSTEMS

- Criteria**
1. MATERIAL IS SAND
 2. >10,000m³ IS RELOCATED ON AN ANNUAL OR FREQUENT BASIS (NOT AD-HOC)
 3. SAND IS PLACED ON SHORE OR IN SURF ZONE FOR BEACH NOURISHMENT



Western Australia

EXMOUTH*	20,000						
KALBARRI	30,000						
GERALDTON	12,500						
JURIEN BAY*	40,000						
LANCELIN*	10,000						
PERTH Ocean Reef	10,000						
PERTH* Hillarys	10,000						
PERTH* Port Coogee	15,000						
ROCKINGHAM*	15,000						
MANDURAH	100,000						
DAWESVILLE	120,000						
BUSSELTON** Port Geographe	60,000						
BUSSELTON	20,000						
ESPERANCE* Bandy Creek	60,000						

South Australia

MURRAY MOUTH	1,000,000						
SEMAPHORE - WEST BEACH	100,000						
GLENELG - KINGSTON PARK	100,000						

Victoria

MALLACOOTA (BASTION POINT)	10,000						
LAKES ENTRANCE - INNER CHANNELS	150,000						
LAKES ENTRANCE - BAR ²	200,000						
MELBOURNE (PORT PHILLIP BAY)							
- QUEENSCLIFF	88,000						
- PATTERSON RIVER	55,000						
- OTHER (x9)	32,000						
MARENGO AND APOLLO BAY	16,000						
PORT FAIRY (MOYNE RIVER)	13,000						
PORTLAND	50,000						

1. Last done in 2018 and 2016 but typically every four years
2. Sand is placed just behind surf zone 2km either side of entrance to nourish adjacent beaches

New South Wales

JIMMYS BEACH	30,000								
SWANSEA CHANNEL	10,000								
SYDNEY (NARRABEEN-COLLAROY) ¹	45,000								

Queensland

NOOSA	30,000							
MAROOCHYDORE*	100,000							
MOOLOOLABA	20,000							
WOORIM BEACH	30,000							
GC SEAWAY	500,000							
GC WATERWAYS	150,000							
TALLEBUDGERA CREEK	38,000							
CURRUMBIN CREEK	50,000							
TWEED RIVER	500,000							

Objective

- BEACH NOURISHMENT
- BOATING ACCESS
- COASTAL/ASSET PROTECTION
- FLOOD MITIGATION
- ENVIRONMENTAL

SAND VOLUME = M3 / YR
*BI-ANNUAL OR TRI-ANNUAL FREQUENCY
**INCLUDES SEA WRACK