

HOW-TO GUIDE



What does a suitable *Posidonia* fragment look like?

The *Posidonia australis* fragments you collect will be used as donor shoots in the restoration. To be suitable for replating, the fragments must be healthy, with **green leaves and a rhizome** (the 'trunk'-like part at the bottom of the shoot where energy for growth is stored). Fragments can have one or several shoots.



Many green and brown *Posidonia* leaves can be found washed-up near meadows. However, without rhizomes **these cannot be used in restoration.**



Posidonia or *Zostera*?

Posidonia and *Zostera* are two seagrasses that can be found in Sydney. They look quite similar when washed ashore, but *Posidonia* **has wider leaves, about 1cm across.**



When and where to find fragments

Posidonia can be up-rooted by strong currents, winds and swells.

Wind direction best indicates where to search for fragments.

The densest meadows are in the North Harbour area, however fragments may wash ashore anywhere depending on conditions. For example, **Balmoral is a likely hotspot during Northerly winds**, whereas it would be best to search **Manly Cove and surrounds in Southerly winds**.

Safety first!

Stay safe while collecting. Bring sun protection, a raincoat, and a water bottle.

A pair of **gardening gloves** will be handy for searching through accumulated seagrass – this will keep you safe from sharps and any potentially harmful marine life.

Also bring a container or bucket you can use to keep fragments damp while you transport them.

Where to take fragments

Drop fragments off at **Balmoral Baths**. We have set up a collection station on the left hand side of the wharf. Our team will frequently recover these and prepare them for restoration.



Do I need a permit?

Removing seagrass 'wrack' from the intertidal zone (up to 20 kg/ day) is allowed. As this restoration is also part of a research project, we are operating under **Section 37 Fisheries Management Act Collection Permit PN20/452**, which allows the permit holder (Professor Adriana Vergés) and additional people (i.e., volunteers/ citizen scientists) to collect detached seagrass shoots.



Learn More:
WWW.OPERATIONPOSIDONIA.COM



UNSW
SYDNEY



Mosman
COUNCIL