## Willunga Hills Face Landcare Group

## "Caring for the Washpool Wetland Catchment"

The focus of our activities is the health of the Washpool catchment, and our aim is to undertake projects that will improve the quality of the water entering the Washpool wetland. We aim to slow down the movement of water and silt, produced in runoff in the upper parts of the catchment during heavy rainstorms, into the Washpool (see Photo).



Photo: silt-laden water moving into the Washpool, pushing out clear water, on Sunday 21<sup>st</sup> June 2020 after heavy rain the previous night.

(Photo by Stewart Bond)

We have notionally divided the catchment into 5 segments (see Figure, next page) and plan to focus our activities in the upper three segments. Projects would involve stabilization of erosion-prone areas and revegetation of riparian zones. Increased local biodiversity will be another significant benefit of undertaking revegetation work along the catchment, with benefit to both landholders and native species.

## The Washpool itself:

A quote from the Landscape SA website: "Aldinga Washpool is one of the last remaining coastal freshwater and estuarine lagoon systems along the Adelaide metropolitan coast. It provides environmental open space for the local community and important habitat for waterbirds".

The Willunga Hills Face Landcare Group believes that this wetland and surrounding areas should be not only preserved but better managed, so that they can continue to provide much-needed habitat for wildlife, especially birds, and cultural and amenity value for the community.

1 September 2020.

## Figure: CARING FOR THE WASHPOOL WETLAND CATCHMENT

|                             | Upper hillsface catchment   | Lower hillsface catchment   | Aldinga plains catchment   | Wetlands coastal shore                  | Marine                            |
|-----------------------------|---|---|--|---|-----------------------------------|
| AIMS                        | Reduce volume & rate of runoff  | Stabilize gully erosion   | Stabilize gully erosion<br>Increase riparian biodiversity              | Reduce peak flows<br>& sediment buildup | Reduce silt & pollutant discharge |
| MAJOR<br>LANDUSES           | Woodlot & grazing   | Grazing & horticulture  | Horticulture<br>& cropping   | Residential, Farming & Wetland Washpool |                                   |
| MAIN<br>PROPOSED<br>ACTIONS | <ul><li>* Contour riplines</li><li>* Stabilize gully head</li><li>* Reveg of riplines</li><li>&amp; banks</li></ul> | * Stabilize gully head<br>* Batter stream banks<br>* Reveg of silt traps<br>& banks | * Stabilize stream banks * Plant on stream banks & property boundaries |   |                                   |