

# Draft Management Plan for the South Australian Commercial Lakes and Coorong Fishery

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**PREMIUM**  
FOOD AND WINE FROM OUR  
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ENVIRONMENT



Government  
of South Australia

Primary Industries  
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# Draft Management Plan for the South Australian Commercial Lakes and Coorong Fishery

- Management Plan is to establish a framework to protect, manage, use and develop aquatic resources consistent with ecological sustainable development principles
- The draft management plan has been prepared by the South Australia Government in conjunction with the Southern Fisherman's Association and Goolwa Pipi Harvesters Association
- Prepared in accordance with provisions of the *Fisheries Management Act 2007*
  - Sections 40 - 50





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# Lakes and Coorong Fishery Overview

## Ngarrindjeri People

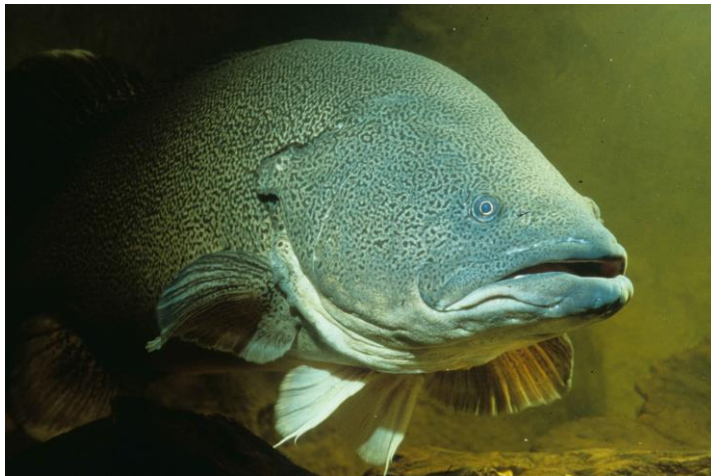


**Thukeri**



Source: Garry Hera-Singh

## Lakes and Coorong Commercial Fishery



**Pondi**



Big fish and lots of fish. Photo source: Garry Hera-Singh



# Lakes and Coorong Fishery Overview



# Process to date

- Minister requested preparation of management plan
- Ecological sustainable development risk assessment
- Steering Committee formed to develop management plan
- Pipi harvest strategy developed
- Finfish harvest strategy developed
- Public consultation



# Management Plan

- Provides “plan for management” of the fishery
  - Description of the fishery
  - Management goals
  - Ecosystem impacts (Ecological Risk Assessment)
  - Co-management
  - Allocation of access among sectors
  - Harvest strategies
  - Regulatory arrangements
  - Stock assessment and research
  - Compliance and monitoring





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# Goal and Objectives (pg. 72)

1. Ensure the Lakes and Coorong Fishery resources are harvested within sustainable limits
2. Optimum utilisation and equitable distribution of the Lakes and Coorong Fishery resources
3. Minimise impacts on the ecosystem
4. Cost effective and participative management of the fishery



# Ecological Risk Assessment (pg. 67)

Over 90 potential risks assessed:

- Over half considered Negligible or Low
- Just over a quarter of risks considered Moderate to High
- 4 Extreme



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MARINE PARKS**



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# Allocation

- Primary and secondary species allocated:
  - Importance to fishery (commercial & recreational)
  - Production (total catch)
  - Commercial & recreational value
  - Level of exploitation
  - Variability in catches and reliability of catch estimates

Primary Species	Secondary Species	Tertiary Species
Pipi	Black Bream	Australian Herring
Golden Perch	Greenback Flounder	Snapper*
Mulloway*		Yabby
Mullet spp.*		Flathead
European Carp		etc
Bony Bream		



# Allocation – Primary and Secondary species

## Primary Species

Species		Commercial	Recreational	Aboriginal traditional	Total
<b>Mullet spp. (catch)</b>	Marine	54.2%	44.8%	1%	100%
	L&C (Inland)	98.9%	0.55%	0.55%	100%
<b>Mulloway (catch)</b>	Marine	19.9%	79.1%	1%	100%
	L&C (Inland)	71.4%	27.6%	1%	100%
<b>Golden Perch (catch)</b>	SAMDB	71.6%	27.4%	1%	100%
<b>Pipi (area)</b>		73 %	26%	1%	100%

## Secondary Species

Species	Commercial	Recreational	Aboriginal traditional	Total
<b>Black Bream (catch)</b>	50.6%	48.4%	1%	100%
<b>Greenback Flounder (catch)</b>	88.7%	10.3%	1%	100%





# Pipi Harvest Strategy (pg.83)

## Traffic Light system

### Limit reference points

- Relative biomass of legal-sized Pipi is  $<4$  kg/4.5 m<sup>2</sup>

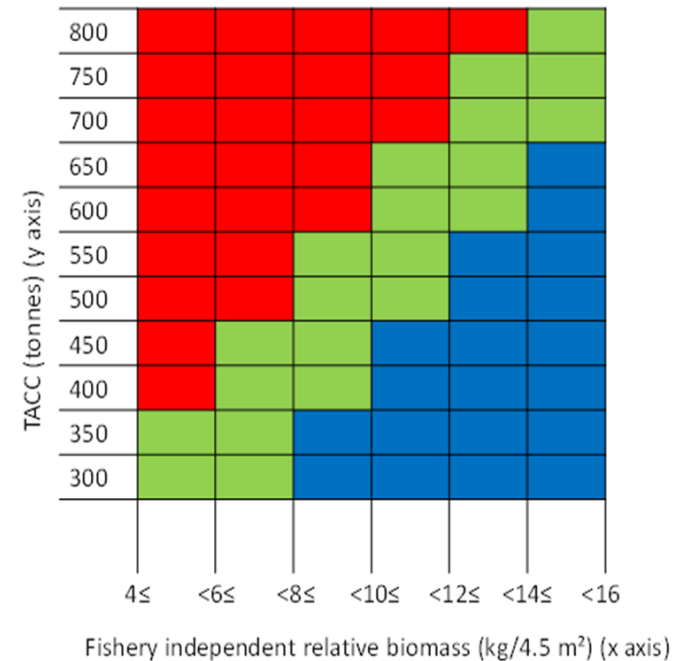
### Target reference point

- Mean relative biomass of legal-sized Pipi is  $\geq 10$  kg/4.5 m<sup>2</sup>

### Trigger reference point

- Pre-recruits represent at least 30% of the overall length frequency

Figure 1. Decision rules table



# Finfish Harvest Strategy (pg.83)

## Proposed primary performance indicators

Sector	Primary performance indicator	Reference Points		
		Target	Trigger	Limit
Freshwater - LMGN	Water level (m - Australian Height Datum)	0.6	-0.7	-1.2
Estuarine - LMGN	Available habitat (%) for Mulloway	60	17	10
Estuarine - SMGN	Available habitat (%) for Yelloweye Mullet	55	31	10

## Proposed decision rules for the Freshwater – large mesh gill-net sector

	If mean annual water level (m AHD) in the Lakes is :	TACE setting
	Above +0.6 m	190,000 net-days
	Between +0.17 m and +0.6 m	173,000 net-days
	Between -0.26 m and 0.16 m	143,650 net-days
	Between -0.7 m and -0.27 m	115,000 net-days
	Between -0.9 m and -0.71 m	55,400 net-days
	Between -1.2 m and -0.91 m	38,000 net-days
	Below -1.2 m AHD	Closure of sector



# Process from here

- Copy of draft management plan
  - Please leave your name and contact details on the sheet provided or;
  - Contact: Lucy Stark, Executive Assistant, Fisheries Council on (08) 8226 8103
  - [www.fisheriescouncil.sa.gov.au](http://www.fisheriescouncil.sa.gov.au)
- Written submissions must be received by Wednesday 4 February 2015
- Consideration of comments and amendments by Minister



# Questions and Discussion

