# Table 2: Assessments Report Card

## Legend

Status



Evidence and consensus too low to make an assessment Limited evidence or limited consensus

Good
dequate high-quality evidence and high level of consensus

## **CLIMATE CHANGE IMPACTS**

Indicator	Status UNKNOWN	POOR	FAIR	GOOD	Trend	Data Quality
CC:01 Observed average rainfall	$\bigcirc$		$\bigcirc$	$\bigcirc$	Л	DATA QUALITY Good
CC:02 Snow cover	$\bigcirc$	$\bigcirc$	•	$\bigcirc$	Ы	DATA QUALITY Good
<b>CC:03</b> Observed surface temperature	$\bigcirc$	$\bigcirc$	•	$\bigcirc$	Л	DATA QUALITY Good
<b>CC:04</b> Projected changes in temperature	N/A	$\bigcirc$	$\bigcirc$	$\bigcirc$	Л	DATA QUALITY Good
<b>CC:05</b> Projected changes to average rainfall	N/A	$\bigcirc$	$\bigcirc$	$\bigcirc$	Л	DATA QUALITY Fair
<b>CC:06</b> Regional climate projections	N/A	$\bigcirc$	$\bigcirc$	$\bigcirc$	Л	DATA QUALITY Good
<b>CC:07</b> Observed sea level	$\bigcirc$	$\bigcirc$	•	$\bigcirc$	Ы	DATA QUALITY Fair
CC:08 Projected sea level	N/A	$\bigcirc$	$\bigcirc$	$\bigcirc$	Ы	DATA QUALITY Good
<b>CC:09</b> Sea-surface temperature	$\bigcirc$		$\bigcirc$	$\bigcirc$	$\square$	DATA QUALITY Good

## **CLIMATE CHANGE IMPACTS**

Indicator	Status UNKNOWN	POOR	FAIR	GOOD	Trend	Data Quality
<b>CC:10</b> Annual greenhouse gas emissions	$\bigcirc$		$\bigcirc$	$\bigcirc$	$\supset$	DATA QUALITY Good
<b>CC:11</b> Victorian ecosystem carbon stocks	St	cable for la marine c	nd sector and coasta	and Unkno	Down for the terms	DATA QUALITY Fair
<b>CC:12</b> Occurrence and impacts of extreme weather	$\bigcirc$		$\bigcirc$	$\bigcirc$	Л	DATA QUALITY Good
<b>CC:13</b> Extent and condition of key climate-sensitive ecosystems		$\bigcirc$	$\bigcirc$	$\bigcirc$	?	DATA QUALITY Fair
<b>CC:14</b> Community awareness of climate risks and associated responsibilities	Good ( and mi adapte	for awaren tigation) c ation to cli	ness of cli and Unkno mate cha	mate risks own (for nge)	?	DATA QUALITY Fair
<b>CC:15</b> Councils (or other organisations) with urban forestry plans or urban greening or cooling- related strategies	$\bigcirc$	$\bigcirc$		$\bigcirc$	$\supset$	DATA QUALITY Fair
<b>CC:16</b> Considering climate change risks in land use planning (including in the coastal zone)	Ger	nerally Poo	or for inland	d councils ncils	?	DATA QUALITY Fair
<b>CC:17</b> Percentage of agri-businesses using long-term weather and climate change projections	$\bigcirc$	$\bigcirc$		$\bigcirc$	7	DATA QUALITY Fair

AIR						
Indicator	Status UNKNOWN	POOR	FAIR	GOOD	Trend	Data Quality
<b>A:01</b> Ambient ozone levels (summer smog)	$\bigcirc$	$\bigcirc$	$\bigcirc$		$\rightarrow$	DATA QUALITY Good
<b>A:02</b> Carbon monoxide and nitrogen dioxide	$\bigcirc$	$\bigcirc$	$\bigcirc$		7	DATA QUALITY Good
<b>A:03</b> Particle pollution ( $PM_{10}$ and $PM_{2.5}$ )	Elsewhere in Victoria	Brooklyn	Geelong, and most	the Latrob	e Valley rne	DATA QUALITY Fair
A:04 Sulfur dioxide	$\bigcirc$	$\bigcirc$	$\bigcirc$		$\rightarrow$	DATA QUALITY Good
A:05 Stratospheric ozone	$\bigcirc$	$\bigcirc$		$\bigcirc$	$\rightarrow$	DATA QUALITY Good
A:06 Odour and noise		$\bigcirc$	$\bigcirc$	$\bigcirc$	Л	DATA QUALITY Fair
<b>A:07</b> Light pollution		$\bigcirc$	$\bigcirc$	$\bigcirc$	?	DATA QUALITY Poor
<b>A:08</b> Emissions of major air pollutants by sector	$\bigcirc$	$\bigcirc$		$\bigcirc$	?	DATA QUALITY Fair
<b>A:09</b> Health impacts of air pollution	$\bigcirc$	$\bigcirc$		$\bigcirc$	?	DATA QUALITY Poor
<b>A:10</b> Health impacts of noise pollution		Fair	for Melbou	arne and he rest of Vi	? ctoria	DATA QUALITY Poor
<b>A:11</b> Indoor air quality		$\bigcirc$	$\bigcirc$	$\bigcirc$	?	DATA QUALITY Poor

BIODIVERSITY						
Indicator	Status UNKNOWN	POOR	FAIR	GOOD	Trend	Data quality
<b>B:01</b> Invasive freshwater plants and animals		$\bigcirc$	$\bigcirc$	$\bigcirc$	?	DATA QUALITY Poor
<b>B:01A</b> Trend in carp ( <i>Cyprinus carpio</i> ) distribution	$\bigcirc$		$\bigcirc$	$\bigcirc$		DATA QUALITY Good
<b>B:02</b> Invasive terrestrial plants	$\bigcirc$		$\bigcirc$	$\bigcirc$		DATA QUALITY Good
<b>B:03</b> Invasive terrestrial animals	$\bigcirc$		$\bigcirc$	$\bigcirc$		DATA QUALITY Poor
<b>B:03A</b> Trend in deer populations and their distributions	$\bigcirc$		$\bigcirc$	$\bigcirc$	$\square$	DATA QUALITY Poor
<b>B:03B</b> Trend in horse populations and their distributions	$\bigcirc$		$\bigcirc$	$\bigcirc$	Ы	DATA QUALITY Fair
<b>B:04</b> Trend in populations and distributions of threatened freshwater species in the wild.		$\bigcirc$	$\bigcirc$	$\bigcirc$	?	DATA QUALITY Poor
<b>B:04A</b> Trend in population number and distribution of trout cod ( <i>Maccullochella macquariensis</i> )	$\bigcirc$	$\bigcirc$		$\bigcirc$	$\rightarrow$	DATA QUALITY Fair
<b>B:04B</b> Trend in population number and distribution of Macquarie perch ( <i>Macquaria australasica</i> )	$\bigcirc$	$\bigcirc$		$\bigcirc$	$\rightarrow$	DATA QUALITY Good

## BIODIVERSITY

Indicator	Status UNKNOWN	POOR	FAIR	GOOD	Trend	Data Quality
<b>B:04C</b> Trend in population number and distribution of Murray crayfish ( <i>Euastacus armatus</i> )	$\bigcirc$		$\bigcirc$	$\bigcirc$	Л	DATA QUALITY Fair
<b>B:04D</b> Trend in population number and distribution of spotted tree frog ( <i>Litoria spenceri</i> )	$\bigcirc$		$\bigcirc$	$\bigcirc$		DATA QUALITY Good
<b>B:04E</b> Trends in population number and distribution of Booroolong tree frog ( <i>Litoria booroolongensis</i> )	$\bigcirc$		$\bigcirc$	$\bigcirc$	Ы	DATA QUALITY Good
<b>B:04F</b> Trends in population number and distribution of Baw Baw frog ( <i>Philoria frosti</i> )	$\bigcirc$		$\bigcirc$	$\bigcirc$	$\square$	DATA QUALITY Good
<b>B:05</b> Threatened species that are wetland dependent		$\bigcirc$	$\bigcirc$	$\bigcirc$	?	DATA QUALITY Poor
<b>B:06</b> Trends in populations and distributions of threatened terrestrial species	$\bigcirc$		$\bigcirc$	$\bigcirc$	Ы	DATA QUALITY Poor
<b>B:06A</b> Vascular plants	$\bigcirc$		$\bigcirc$	$\bigcirc$		DATA QUALITY Fair
<b>B:06B</b> Vertebrates	$\bigcirc$		$\bigcirc$	$\bigcirc$	$\square$	DATA QUALITY Fair
<b>B:06C</b> Invertebrates	$\bigcirc$		$\bigcirc$	$\bigcirc$	Л	DATA QUALITY Fair

## BIODIVERSITY

Indicator	Status UNKNOWN	POOR	FAIR	GOOD	Trend	Data Quality
<b>B:07</b> Private land conservation	$\bigcirc$	$\bigcirc$	•	$\bigcirc$	$\supset$	DATA QUALITY Good
<b>B:08</b> Conservation of Victorian ecosystems	$\bigcirc$	$\bigcirc$	•	$\bigcirc$	$\rightarrow$	DATA QUALITY Good
<b>B:09</b> River health	$\bigcirc$		$\bigcirc$	$\bigcirc$	$\rightarrow$	DATA QUALITY Good
<b>B:10</b> Riparian vegetation habitat extent	$\bigcirc$		$\bigcirc$	$\bigcirc$	?	DATA QUALITY Poor
<b>B:11</b> Area of functional floodplain		$\bigcirc$	$\bigcirc$	$\bigcirc$	?	DATA QUALITY Poor
<b>B:12</b> Distribution and abundance of frogs	$\bigcirc$		$\bigcirc$	$\bigcirc$	Ы	DATA QUALITY Good
<b>B:13</b> Distribution and abundance of fish	$\bigcirc$		$\bigcirc$	$\bigcirc$	Ы	DATA QUALITY Good
<b>B:14</b> Distribution and abundance of waterbirds in the Murray Darling Basin	$\bigcirc$		$\bigcirc$	$\bigcirc$	Л	DATA QUALITY Fair
<b>B:15</b> Distribution and abundance of macroinvertebrates	$\bigcirc$	$\bigcirc$		$\bigcirc$	$\rightarrow$	DATA QUALITY Fair

## BIODIVERSITY

Indicator	Status UNKNOWN	POOR	FAIR	GOOD	Trend	Data Quality
<b>B:16</b> Wetland extent and condition		$\bigcirc$	$\bigcirc$	$\bigcirc$	?	DATA QUALITY Poor
<b>B:17</b> Health and status of Ramsar wetlands in Victoria		$\bigcirc$	$\bigcirc$	$\bigcirc$	?	DATA QUALITY Poor
<b>B:18</b> Net gain in extent and condition of native vegetation	$\bigcirc$		$\bigcirc$	$\bigcirc$		DATA QUALITY Good
<b>B:19</b> Landscape scale change	$\bigcirc$		$\bigcirc$	$\bigcirc$		DATA QUALITY Fair
<b>B:20</b> Change in suitable habitat	$\bigcirc$	$\bigcirc$	•	$\bigcirc$	$\rightarrow$	DATA QUALITY Good
<b>B:21</b> Area of management in priority locations	$\bigcirc$	$\bigcirc$	•	$\bigcirc$	$\rightarrow$	DATA QUALITY Fair
<b>B:22</b> Victorians value nature		$\bigcirc$	$\bigcirc$	$\bigcirc$	?	DATA QUALITY Poor
<b>B:23</b> Number of Victorian Government organisations that manage environmental assets that contribute to DELWP Standard Output Data	$\bigcirc$		$\bigcirc$	$\bigcirc$	?	DATA QUALITY Poor

LAND

Indicator	Status UNKNOWN	POOR	FAIR	GOOD	Trend	Data Quality
<b>L:01</b> Land use types in Victoria	$\bigcirc$	$\bigcirc$		$\bigcirc$	N/A	DATA QUALITY Good
<b>L:02</b> Changes in major land uses in Victoria	N/A)	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\rightarrow$	DATA QUALITY Good
L:03 Changes in land tenure	$\bigcirc$	$\bigcirc$		$\bigcirc$	$\rightarrow$	DATA QUALITY Good
<b>L:04</b> Greenfield versus infill development	$\bigcirc$	$\bigcirc$		$\bigcirc$	$\rightarrow$	DATA QUALITY Good
L:05 Soil carbon content		$\bigcirc$	$\bigcirc$	$\bigcirc$	?	DATA QUALITY Fair
L:06 Area affected by salinity	$\bigcirc$	$\bigcirc$	Improving that drain Unclear e	g for the rive to the Mur elsewhere	Pr catchments ray River and	DATA QUALITY Fair
L:07 Soil acidification		$\bigcirc$	$\bigcirc$	$\bigcirc$	?	DATA QUALITY Fair
L:08 Soil erosion	$\bigcirc$	$\bigcirc$		$\bigcirc$	Л	DATA QUALITY Poor
L:09 Contaminated sites		$\bigcirc$	$\bigcirc$	$\bigcirc$	?	DATA QUALITY Fair

LAND						
Indicator	Status UNKNOWN	POOR	FAIR	GOOD	Trend	Data Quality
L:10 Land management activities	$\bigcirc$	$\bigcirc$		$\bigcirc$	7	DATA QUALITY Fair
<b>L:11</b> Participation in natural resource management activities	$\bigcirc$	$\bigcirc$	$\bigcirc$		$\supset$	DATA QUALITY Good
<b>L:12</b> Use of best practice on agricultural lands		$\bigcirc$	$\bigcirc$	$\bigcirc$	?	DATA QUALITY Poor
<b>L:13</b> Proportion of agricultural area under productive and sustainable agriculture		$\bigcirc$	$\bigcirc$	$\bigcirc$	?	DATA QUALITY Poor

## FORESTS

Indicator	Status UNKNOWN	POOR	FAIR	GOOD	Trend	Data quality
<b>Fo1.1A</b> Area of forest by type and tenure - forest canopy cover		$\bigcirc$	$\bigcirc$	$\bigcirc$	?	DATA QUALITY Poor
<b>Fo:01B</b> Area of forest by type and tenure - forest type	$\bigcirc$	$\bigcirc$		$\bigcirc$	$\square$	DATA QUALITY Good
<b>Fo:01C</b> Area of forest by type and tenure - plantation forest	$\bigcirc$	$\bigcirc$		$\bigcirc$	$\rightarrow$	DATA QUALITY Good
<b>Fo:02</b> Area of forest type by growth stage	$\bigcirc$	$\bigcirc$		$\bigcirc$	$\square$	DATA QUALITY Good
<b>Fo:03</b> Area of forest type by growth stage distribution in protected zones	$\bigcirc$	$\bigcirc$		$\bigcirc$	$\supset$	DATA QUALITY Fair
<b>Fo:04</b> Fragmentation of native forest cover	$\bigcirc$		$\bigcirc$	$\bigcirc$	?	DATA QUALITY Fair
<b>Fo:05</b> Number of in-situ and ex- situ conservation efforts for forest dependent species		$\bigcirc$	$\bigcirc$	$\bigcirc$	?	DATA QUALITY Poor
Fo:06 The status of forest dependent species at risk of not maintaining viable breeding populations, as determined by legislation or scientific assessment	$\bigcirc$	$\bigcirc$	•	$\bigcirc$	Ы	DATA QUALITY Good
<b>Fo:07</b> Degree of disturbance to native forest species caused by invasive species	$\bigcirc$	$\bigcirc$		$\bigcirc$	Л	DATA QUALITY Good

## FORESTS

Indicator	Status UNKNOWN	POOR	FAIR	GOOD	Trend	Data Quality
<b>Fo:08A</b> Scale and impact of agents and processes affecting forest health and vitality – mortality, dieback, canopy health sub-section	$\bigcirc$	$\bigcirc$	•	$\bigcirc$	?	DATA QUALITY Fair
<b>Fo:08B</b> Scale and impact of agents and processes affecting forest health and vitality – bushfire affected area and climate sub-section	$\bigcirc$	$\bigcirc$	•	$\bigcirc$		DATA QUALITY Good
<b>Fo:09A</b> Area and type of human- induced disturbance – planned burns	$\bigcirc$	$\bigcirc$		$\bigcirc$	?	DATA QUALITY Good
<b>Fo:09B</b> Area and type of human- induced disturbance – grazing		$\bigcirc$	$\bigcirc$	$\bigcirc$	$\rightarrow$	DATA QUALITY Poor
Fo:10 Total forest ecosystem biomass and carbon pool by forest type, age class and successional stages	$\bigcirc$	$\bigcirc$	•	$\bigcirc$	?	Data quality Fair
<b>Fo:11</b> Contribution of forest ecosystems to the global greenhouse gas balance	$\bigcirc$		$\bigcirc$	$\bigcirc$	$\square$	DATA QUALITY Good
<b>Fo:12</b> Area and percentage of forest and net area of forest available and suitable for wood production	$\bigcirc$		$\bigcirc$	$\bigcirc$	Л	DATA QUALITY Good
Fo:13 Area of native forest harvested	$\bigcirc$	$\bigcirc$		$\bigcirc$	$\rightarrow$	Data quality Good
<b>Fo:14</b> Annual production of wood products from State forests compared to sustainable harvest levels	$\bigcirc$	$\bigcirc$		$\bigcirc$	Ы	DATA QUALITY Good

### FORESTS

Indicator	Status UNKNOWN	POOR	FAIR	GOOD	Trend	Data Quality
<b>Fo:15</b> Proportion of timber harvest area successfully regenerated by forest type	$\bigcirc$	$\bigcirc$		$\bigcirc$	$\rightarrow$	DATA QUALITY Good
<b>Fo:16</b> Extent to which the legal framework (laws, regulations, guidelines) supports the conservation and sustainable management of forests	$\bigcirc$	$\bigcirc$	•	$\bigcirc$	$\nearrow$	DATA QUALITY Fair
<b>Fo:17</b> Extent to which the institutional framework supports the conservation and sustainable management of forests	$\bigcirc$	$\bigcirc$		$\bigcirc$	Л	DATA QUALITY Fair
<b>Fo:18</b> Extent to which the economic framework supports the conservation and sustainable management of forests	$\bigcirc$	$\bigcirc$		$\bigcirc$	?	DATA QUALITY Fair
Fo:19 Capacity to conduct and apply research and development aimed at improving forest management, including development of scientific understanding of forest ecosystem characteristics and functions	$\bigcirc$	$\bigcirc$	$\bigcirc$		$\rightarrow$	DATA QUALITY Good
Fo:20 Investment and expenditure in forest management	$\bigcirc$	$\bigcirc$		$\bigcirc$	$\rightarrow$	DATA QUALITY Good
<b>Fo:21</b> Value (\$) of forest derived ecosystem services	$\bigcirc$	$\bigcirc$	•	$\bigcirc$	?	DATA QUALITY Fair

Indicator	Status UNKNOWN	POOR	FAIR	GOOD	Trend	Data Quality
<b>Fi:01</b> Area of native vegetation burnt in planned fires and bushfires	$\bigcirc$		$\bigcirc$	$\bigcirc$	Л	DATA QUALITY Good
Fi:02 Impacts of bushfires	$\bigcirc$		$\bigcirc$	$\bigcirc$	?	DATA QUALITY Poor
<b>Fi:03</b> Actual fire regimes compared to optimal fire regimes	$\bigcirc$	$\bigcirc$	•	$\bigcirc$		DATA QUALITY Good
Fi:04 Bushfire risk	$\bigcirc$	$\bigcirc$	•	$\bigcirc$	Л	DATA QUALITY Poor

### List of acronyms for Marine and Coastal Environments indicators:

All Gippsland Lakes (GLA) Beware Reef Marine Sanctuary (BRMS) Corangamite Catchment Management Authority (CCMA) Corner Inlet (CI) East Gippsland Catchment Management Authority (EGCMA) Glenelg Hopkins Catchment Management Authority (GCMA) Marine National Parks and Sanctuaries (MNPS) Nooramunga Marine & Coastal Park (NMCP) Northern Port Phillip Bay (NPPB) Other Marine & Coastal Areas (OMAC) Port Phillip Bay (PPB) Phillip Island (PI) Southern Port Phillip Bay (SPPB) St Kilda (STK) West Gippsland Catchment Management Authority (WGCMA) Western Port (WPT)

MARINE AND COASTAL ENVIRONMENTS									
Indicator	Status UNKNOWN	POOR	FAIR	GOOD	Trend	Data quality			
MC:01 Mangrove extent	$\bigcirc$	$\bigcirc$	CI NMCF	WPT OMAC	?	DATA QUALITY Good			
MC:02 Saltmarsh extent	OMAC	$\bigcirc$	РРВ	GLA WPT	OMAC? PPB → GLA ? WPT ↘	DATA QUALITY Fair - PPB & WPT Poor - GLA & OMAC			
<b>1C:03</b> Seagrass condition	WPT OMAC	$\bigcirc$	GLA CI	PPB	WPT ? GLA ? PPB → OMAC? CI ↘	DATA QUALITY Fair			
MC:04 Seagrass-dependent fish	PPB WPT OMAC GLA	$\bigcirc$	$\bigcirc$	$\bigcirc$	?	DATA QUALITY Poor			





#### Status Data quality Trend Indicator GOOD UNKNOWN POOR FAIR MC:16 Over-abundant sea urchins on OMAC ? subtidal reefs NPPB 🏼 DATA QUALITY OMAC NPPB BRMS SPPB BRMS ? Fair - SPPB, BRMS & NMCP NMCP SPPB $\rightarrow$ NPPB NMCP $\rightarrow$ DATA QUALITY Poor MC:17 Invasive marine species OMAC? РРВ Ъ DATA QUALITY OMAC PPB Fair - PPB DATA QUALITY Poor - OMAC MC:18 Catchment inputs into coastal WPT ? watersl reefs ? GCMA DATA QUALITY WPT PPB EGCMA PPB 7 ССМА Good - PPB & WPT & CMAs GCMA CCMA ? WGCMA WGCMA ? EGCMA ? MC:19 Point source discharges to ? marine waters DATA QUALITY Poor MC:20 Harmful algae blooms reefs OMAC ? PPB $\rightarrow$ DATA QUALITY PPB OMAC GLA ? Good - PPB & GLA GLA DATA QUALITY Poor - OMAC MC:21 Enterococci bacteria OMAC ? ррв → DATA QUALITY PPB OMAC Good - PPB DATA QUALITY Poor - OMAC

Indicator	Status UNKNOWN	POOR	FAIR	GOOD	Trend	Data Quality
MC:22 Impacts of fisheries production		$\bigcirc$	$\bigcirc$	$\bigcirc$	?	DATA QUALITY Poor
<b>MC:23</b> Conservation of coastal ecosystems in protected areas	$\bigcirc$	$\bigcirc$		$\bigcirc$	$\rightarrow$	DATA QUALITY Fair
<b>MC:24</b> Conservation of marine ecosystems in protected areas	GLA Gipp Inlet	and East olsand	Five m bioreg	onarine gions	$\rightarrow$	DATA QUALITY Good

## WATER RESOURCES

Indicator	Status UNKNOWN	POOR	FAIR	GOOD	Trend	Data Quality
<b>WR:01</b> Water resources and storage trends	$\bigcirc$	$\bigcirc$	•	$\bigcirc$	$\rightarrow$	DATA QUALITY Good
<b>WR:02</b> Projected runoff to dams and catchments	N/A	$\bigcirc$	$\bigcirc$	$\bigcirc$	Л	DATA QUALITY Good
WR:03 Condition of flow regimes	$\bigcirc$		$\bigcirc$	$\bigcirc$	Л	DATA QUALITY Good
<b>WR:04</b> Delivering water for the environment	$\bigcirc$	$\bigcirc$		$\bigcirc$	$\rightarrow$	DATA QUALITY Good
<b>WR:05</b> Number of dams, weirs and levees	$\bigcirc$	$\bigcirc$		$\bigcirc$	?	DATA QUALITY Fair
<b>WR:06</b> Surface water harvested for consumptive use	$\bigcirc$		$\bigcirc$	$\bigcirc$	$\rightarrow$	DATA QUALITY Good
<b>WR07</b> Percentage of waterways and groundwater areas, subject to extraction, with a limit on extraction	$\bigcirc$	$\bigcirc$	$\bigcirc$		$\rightarrow$	DATA QUALITY Good
WR:08 Water recycling	$\bigcirc$	$\bigcirc$		$\bigcirc$	7	DATA QUALITY Good
<b>WR:09</b> Percentage of agricultural land with approved irrigation		$\bigcirc$	$\bigcirc$	$\bigcirc$	?	DATA QUALITY Poor

### Indicator **Data Quality Status** Trend POOR GOOD UNKNOWN FAIR WR:10 Groundwater ecosystems ? DATA QUALITY Poor WR:11 Groundwater quality ightarrowDATA QUALITY Good in eastern Victoria, Poor in north Fair western Victoria and Fair elsewhere WR:12 Groundwater levels $\searrow$ DATA QUALITY Fair Stable: most shallow aquifers. Deteriorating: lower aquifers in the Gippsland Basin and northern region, and confined aquifers around Western Port and the Otway Ranges WR:13 Groundwater harvested for consumptive use DATA QUALITY Good

### WATER RESOURCES

## WATER QUALITY

Indicator	Status	POOR	FAIR	GOOD	Trend	Data Quality
<b>WQ:01</b> Occurrence of algal blooms	$\bigcirc$	$\bigcirc$		$\bigcirc$	?	DATA QUALITY Fair
<b>WQ:02</b> Dissolved oxygen concentration in rivers	$\bigcirc$	$\bigcirc$	$\bigcirc$		$\rightarrow$	DATA QUALITY Good
<b>WQ:03</b> Salinity concentrations in rivers	Poor in t the Wim catchme	he Glenelg I mera and P ents, Good i	Hopkins ca ort Phillip a n the other	tchment, Fa Ind Western catchments	ir in port	DATA QUALITY Good
<b>WQ:04</b> Total nitrogen concentration in rivers	Good in the catchme and Wes in other or catchme	the North Edents, Fair in t t Gippsland catchments ent.	ast and Eas the Goulbu I catchmen 5. Unknown	st Gippslanc rn Broken ts, and Poor in the Malled	$\rightarrow$	DATA QUALITY Good
<b>WQ:05</b> Total phosphorus concentrations in rivers	Good in t Fair in the Gippslan other cat Mallee co	he East Gip e North Eas d catchmer chments. Ui itchment.	psland cat t and West nts, and Poo nknown in t	chment, pr in the	$\rightarrow$	DATA QUALITY Good
WQ:06 Turbidity levels in rivers	Fair in th and Gler Poor in o	e East Gipp nelg Hopkins ther catchn	osland, Nort s catchmer nents.	ch East hts, and	Ы	DATA QUALITY Good
<b>WQ:07</b> pH	$\bigcirc$	$\bigcirc$	$\bigcirc$		$\rightarrow$	DATA QUALITY Good

## WATER QUALITY

Indicator	Status UNKNOWN	POOR	FAIR	GOOD	Trend	Data Quality
<b>WQ:08</b> Proportion of bodies of water with good ambient water quality	$\bigcirc$		$\bigcirc$	$\bigcirc$	Л	DATA QUALITY Good
<b>WQ:09</b> Volume of sewage discharge to surface waters		$\bigcirc$	$\bigcirc$	$\bigcirc$	?	DATA QUALITY Poor
<b>WQ:10</b> Reported inland water pollution incidents	$\bigcirc$	$\bigcirc$		$\bigcirc$	Л	DATA QUALITY Fair

## WASTE

Indicator	Status UNKNOWN	POOR	FAIR	GOOD	Trend	Data quality
W:01 Total waste generation	$\bigcirc$	$\bigcirc$		$\bigcirc$	$\rightarrow$	DATA QUALITY Good
<b>W:02</b> Generation of municipal waste per capita	$\bigcirc$	$\bigcirc$		$\bigcirc$	$\rightarrow$	DATA QUALITY Good
W:03 Total food waste generated	$\bigcirc$		$\bigcirc$	$\bigcirc$	$\rightarrow$	DATA QUALITY Good
W:04 Diverson rate	$\bigcirc$	$\bigcirc$		$\bigcirc$	$\rightarrow$	DATA QUALITY Good
W:05 Litter and illegal dumping	$\bigcirc$	$\bigcirc$	$\bigcirc$		7	DATA QUALITY Poor
<b>W:06</b> Total hazardous waste managed	$\bigcirc$	$\bigcirc$		$\bigcirc$	$\rightarrow$	DATA QUALITY Fair

## TRANSPORT

Indicator	Status UNKNOWN	POOR	FAIR	GOOD	Trend	Data Quality
T:01 Travel demand	$\bigcirc$		$\bigcirc$	$\bigcirc$	Ы	DATA QUALITY Good
<b>T:02</b> Greenhouse gas emission and emission intensities from transport	$\bigcirc$		$\bigcirc$	$\bigcirc$	$\rightarrow$	DATA QUALITY Good
<b>T:03</b> Air pollution from transport		$\bigcirc$		Improving vehicles a rail and sh	for motor nd Unclear for hipping	DATA QUALITY Poor

## ENERGY

Indicator	Status UNKNOWN	POOR	FAIR	GOOD	Trend	Data Quality
<b>E:01</b> Energy use per capita	$\bigcirc$		$\bigcirc$	$\bigcirc$	7	DATA QUALITY Good
<b>E:02</b> Total energy consumption by fuel	$\bigcirc$		$\bigcirc$	$\bigcirc$	$\rightarrow$	DATA QUALITY Good
<b>E: 03</b> Consumption of renewable energy as a share of total energy consumption	$\bigcirc$		$\bigcirc$	$\bigcirc$	7	DATA QUALITY Good
<b>E:04</b> Total net energy consumption by industry sector	$\bigcirc$		$\bigcirc$	$\bigcirc$	$\rightarrow$	DATA QUALITY Good
<b>E:05</b> Total electricity consumption	$\bigcirc$	$\bigcirc$	•	$\bigcirc$	7	DATA QUALITY Good
<b>E:06</b> Total electricity generation by fuel	$\bigcirc$		$\bigcirc$	$\bigcirc$	7	DATA QUALITY Good
<b>E:07</b> Share of renewable energy generation of total electricity generation	$\bigcirc$		$\bigcirc$	$\bigcirc$	$\square$	DATA QUALITY Good
<b>E:08</b> Energy used in the transport sector	$\bigcirc$		$\bigcirc$	$\bigcirc$	Л	DATA QUALITY Good
<b>E:09</b> Per capita transport energy use	$\bigcirc$		$\bigcirc$	$\bigcirc$	$\rightarrow$	DATA QUALITY Good