COUNTRY DRINKING WATER SUPPLY SYSTEMS SOURCES AND TREATMENT

The following table lists our country drinking water supply systems, their raw water sources and the type of water treatment/disinfection applied.

Water Supply System	Supply Source	Treatment					Primary Disinfection				
		Conventional Water Treatment Plant	Iron Removal Plant	Desalination Plant	Membrane Plant	MIEX® Pre- treatment	Chlorinated Cl ₂		Chloraminated NH2CI	UV	Fluoridation
							Gas (G)	Liquid (H)			
Amata	Bores									*	
Barmera WTP	RM	✓ (RW)					√ (G)			✓	4
Barossa WTP #	Res / RM	√ (AW)					√ (G)				*
Beachport IRP	Bores		✓ (SAW)				√ (G)				
Berri WTP	RM	✓ (RW)					√ (G)			*	✓
Blanchetown WTP	RM				✓ (SAW)			✓ (H)			
Bordertown	Bores						√ (G)				
Cadell WTP	RM				✓ (SAW)			✓ (H)			
Coffin Bay	Bores						√ (G)				
Cowirra WTP	RM				✓ (SAW)			✓ (H)			
Davenport	RM	✓ (SAW) Morgan WTP							✓ (G) (at Morgan WTP)		
Elliston	Bores						√ (G)				
Eyre South 1	Bores						√ (G)				
Eyre South / Morgan WTP ²	Bores / RM	✓ (SAW) Morgan WTP					✓ (G) (at Eyre South bores)		✓ (G) (at Morgan WTP)		✓ (at Morgan WTP)
Geranium	Bores							✓ (H)			
Gerard	RM	✓ (SAW)						√ (H)			
Glossop WTP	RM				✓ (SAW)			✓ (H)			
Happy Valley WTP #	Res / RM / ADP	√ (AW)					√ (G)				✓
Hawker Desalination WTP	Bores		✓ (SAW) (Pre- treatment)	✓ (SAW)			√ (G)				
Indulkana (Iwantja) ⁵	Bores			✓ (SAW) ⁶						✓	
Kalangadoo IRP	Bores		✓ (SAW)					√ (H)			
Kalka	Bores									✓	
Kaltjiti (Fregon)	Bores			✓ (SAW)						✓	
Kanmantoo WTP	RM				✓ (SAW)			√ (H)			
Kanpi	Bores									✓	

Supply Source	Treatment					Primary Disinfection				
	Conventional Water Treatment Plant	Iron Removal Plant	Desalination Plant	Membrane Plant	MIEX® Pre- treatment	Chlorinated Cl ₂		Chloraminated NH₂CI	UV	Fluoridation
						(G)	(H)			
Bores		✓ (SAW)				√ (G)				
Bores		✓ (SAW)					√ (H)			
Bore			✓ (SAW)			√ (G)				
RM	✓ (RW)							√ (G)	*	✓
Bores		✓ (SAW)				√ (G)				
RM	√ (RW)					√ (G)			✓	✓
Bores						√ (G)				
Res	✓ (SAW)				✓	√ (G)			✓	
Bores						√ (G)				
Bores			✓ (SAW)						1	
RM				✓ (SAW)			✓ (H)			
RM	✓ (SAW)							√ (G)		✓
RM	✓ (SAW) Morgan WTP, / (RW) Swan Reach WTP							√ (G)	✓ (at Swan Reach WTP)	*
Bores							√ (H)			
Bores							✓ (H)			
Blue Lake / Bores						√ (G)				✓ (Blue Lake source only)
RM	✓ (SAW)			✓ (SAW)	✓	√ (G)				✓
Bores										
RM	✓ (RW)					√ (G)			1	✓
RM				✓ (SAW)			✓ (H)			
Res	✓ (AW)					√ (G)				✓
Bores							✓ (H)			
Rain									√ 7	
Bores									✓	
Rain									✓	
Bores						√ (G)				
Bores							✓ (H)			
RM				✓ (SAW)			✓ (H)			
Bores							✓ (H)			
Bores		✓ (SAW)								
Sea-		-	✓ (SAW)	✓ (SAW)			✓ (H)			
Bores		✓ (SAW)				√ (G)				
	Bores Bores Bores Bores RM Bores Bores Bores Bores Bores Bores RM RM Bores Bores Bores Bores Bores Bores Bores Bores RM Bores Bores RM Bores Rain water Bores Rain water Bores Bores Rores Rain water Bores Bores Rain water Bores Bores Rores Rores Rores Rores Rores Rores Rores Bores Rores Bores Bores Bores	Bores Bores Bores Bores RM	Bores	Supply Source Conventional Iron Removal Plant Pl	Supply Source Vater Treatment Plant Bores Bores Conventional Water Treatment Plant Bores Conventional Water Treatment Plant Bores Conventional Water Treatment Plant Conventional Water Plant Conventional Removal Plant Conventional Plant Conventional Removal Plant Con	Supply Source Conventional Water Treatment Plant Iron Removal Plant Desalination Plant Membrane Plant Misch Pre-treatment Plant Bores ✓ (SAW) ✓ (SAW)	Supply Source Convention of Water Teatment Plant Iron Plant Desalination Plant Membrane Plant Missage Plant	Supply Source Convention Worder reliant Violet (reliant) From Removal Plant Description Plant Membrane Plant MIEX Pre-Free threathers (G) Usual Usual (G) Bores ✓ (SAW) ✓ (SAW) ✓ (SAW) ✓ (G) ✓ (H) Bores ✓ (RW) ✓ (SAW) ✓ (G) ✓ (G) ✓ (G) RM ✓ (RW) ✓ (SAW) ✓ (G) ✓ (G) ✓ (G) RM ✓ (RW) ✓ (SAW) ✓ (G) ✓ (G) ✓ (G) RM ✓ (RW) ✓ (SAW) ✓ (G) ✓ (G) ✓ (G) Res ✓ (SAW) ✓ (SAW) ✓ (SAW) ✓ (G) ✓ (G) RM ✓ (SAW) ✓ (SAW) ✓ (SAW) ✓ (G) ✓ (G) RM ✓ (SAW) ✓ (SAW) ✓ (SAW) ✓ (G) ✓ (H) RM ✓ (SAW) ✓ (SAW) ✓ (G) ✓ (H) Bores ✓ (SAW) ✓ (SAW) ✓ (G) ✓ (H) Bores ✓ (SAW) ✓ (SAW) ✓ (G) ✓ (H) Bores ✓ (SAW)	Supply Source Conventional Water (reciment Plant) Iron Removal Plant Plant Description Plant Plant Membrane Plant Plan	Supplies Convenient Plant I to wider Trechment Plant Les planted plant Membrane Plant Membrane Plant Membrane Plant Chickette Presponse Les planted pl

Water Supply System	Supply Source	Treatment					Primary Disinfection				
		Conventional Water Treatment Plant	Iron Removal Plant	Desalination Plant	Membrane Plant	MIEX® Pre- treatment	Chlorinated Cl ₂		Chloraminated NH₂CI	UV	Fluoridation
							Gas (G)	Liquid (H)			
Pinnaroo IRP	Bores		✓ (SAW)				√ (G)				
Pipalyatjara	Bores									1	
Point Pearce	RM	✓ (SAW) Morgan WTP, / (RW) Swan Reach WTP							√ (G)	✓ (at Swan Reach WTP)	✓
Port MacDonnell	Bores						√ (G)				
Pukatja	Bores									✓	
Quorn	Bores						√ (G)				
Raukkan	RM	✓ (RW) Tailem Bend WTP							√ (G)	~	✓
Renmark WTP	RM	✓ (RW)					√ (G)			1	✓
Robe IRP	Bores		✓ (SAW)				√ (G)				
Summit WTP	RM	✓ (RW)							√ (G)	1	✓
Swan Reach WTP	RM	✓ (RW)							√ (G)	*	✓
Swan Reach Town WTP	RM				✓ (SAW)			√ (H)			
Tailem Bend WTP	RM	✓ (RW)							√ (G)	*	✓
Tarpeena IRP	Bores		✓ (SAW)					√ (H)			
Umuwa	Bores									1	
Waikerie WTP	RM	✓ (RW)					√ (G)			1	✓
Watinuma	Bores									1	
Wilmington	Bores						√ (G)				
Wirrina	Res	✓ (SAW)						✓ (H)		✓	
Woolpunda WTP	RM				✓ (SAW)				√ (G)		
Yalata	Bores			✓ (SAW)						1	
Yunyarinyi (Kenmore Park) ⁵	Bores			✓ (SAW) ⁶						✓	

ADP Adelaide Desalination Plant

AW Operated by Allwater CI2 Chlorine

G Chlorine gas

H Chlorine liquid (sodium hypochlorite)

IRP Iron Removal Plant

MIEX® Magnetic Ion Exchange

NH2CI Chloramine Res Reservoir

RM River Murray **RW** Operated by Riverland Water

SAW Operated by SA Water

UV Ultraviolet
WTP Water Treatment Plant

- # Supplies both country and metropolitan systems

 1 Eyre South supplied by Lincoln Basin, Uley South and Uley Wanilla bore fields

 2 Eyre South / Morgan WTP primarily supplied by Lincoln Basin, Uley South and Uley Wanilla bore fields and supplemented by Morgan WTP system
- 3 Morgan / Swan Reach WTP system supplied from Morgan WTP and Swan Reach WTP
- 4 Mount Pleasant has two streams of treatment
- 5 Dual reticulation system drinking and non-drinking
- 6 Only drinking water supply
- 7 Only rainwater supply