

# METROPOLITAN ADELAIDE WATER TREATMENT PLANT SOURCES

THE FOLLOWING TABLE PRESENTS A LISTING OF METROPOLITAN ADELAIDE'S WATER TREATMENT PLANTS AND THEIR RAW WATER SOURCES.

Water treatment plant	Supply sources											
	River Murray	Barossa Reservoir	Happy Valley Reservoir	Hope Valley Reservoir	Little Para Reservoir	Myponga Reservoir	Kangaroo Creek Reservoir	Millbrook Reservoir	Mt Bold Reservoir	South Para Reservoir	Warren Reservoir	Seawater
Adelaide Desalination Plant												●
Anstey Hill	●*							●*				
Barossa	○	●								○	○	
Happy Valley	○		●						○			
Hope Valley	○			●			○	○				
Little Para	○				●			○				
Myponga						●						

- Direct supply (connected to a water treatment plant)
- Indirect supply (serves as a source/storage feeding into a direct supply reservoir)
- \* Depending on operational configuration

# METROPOLITAN ADELAIDE WATER QUALITY SYSTEMS AND TREATMENT

Water supply system	Supply source	Water treatment plant	Treatment		Primary disinfection	Fluoridation
			Conventional water treatment plant	Desalination plant	Cl <sub>2</sub> Gas (G)	
Adelaide Desalination Plant <sup>#</sup>	Seawater	Adelaide Desalination Plant		✓ (AA)	✓ (G)	✓
Anstey Hill Metro	Res/RM	Anstey Hill WTP	✓ (AW)		✓ (G)	✓
Barossa Metro	Res/RM	Barossa WTP	✓ (AW)		✓ (G)	✓
Central Metro	Res/RM/ADP	Adelaide Desalination Plant Happy Valley WTP	✓ (AW)		✓ (G)	✓
East Metro	Res/RM/ADP	Adelaide Desalination Plant Anstey Hill WTP Happy Valley WTP	✓ (AW)		✓ (G)	✓
Myponga Metro	Res	Myponga WTP	✓ (AW)		✓ (G)	✓
North Metro	Res/RM/ADP	Adelaide Desalination Plant Anstey Hill WTP Barossa WTP Happy Valley WTP Little Para WTP	✓ (AW)		✓ (G)	✓
South Metro	Res/RM/ADP	Adelaide Desalination Plant Happy Valley WTP Myponga WTP	✓ (AW)		✓ (G)	✓
West Metro	Res/RM/ADP	Adelaide Desalination Plant Anstey Hill WTP Happy Valley WTP Hope Valley WTP	✓ (AW)		✓ (G)	✓

# NOT ITS OWN SUPPLY SYSTEM (SUPPLIES TO HAPPY VALLEY WTP) OPERATED BY ADELAIDEAQUA PTY (LTD)

ADP ADELAIDE DESALINATION PLANT  
AW OPERATED BY ALLWATER  
Cl<sub>2</sub> CHLORINE  
G CHLORINE GAS

Res RESERVOIR  
RM RIVER MURRAY  
WTP WATER TREATMENT PLANT