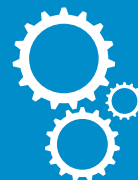


# TREATED WATER SERVICE RESERVOIRS

St Helier, Trinity & St Lawrence



Once treated, water enters the treated water distribution network and is either sent directly into supply or to one of five Treated Water Storage Reservoirs located in St Helier, Trinity and St Lawrence.

The treated water storage reservoirs hold sufficient water so as to enable the system to meet peak flow levels and spread the demand placed on the treatment works over the whole day (service reservoirs are refilled overnight when demand is low).

The storage reservoirs are generally located on high ground allowing water to gravitate down into the reservoirs distribution area.

The storage reservoirs in St Helier, St Lawrence and Augrès feed areas located below approximately 30 metres above sea level (the south and east coasts), whilst the storage reservoir at Les Platons feeds water to the higher areas (north coast, west and south west of the Island).

The Company commissioned a new high level gravity distribution system which feeds most of the high level areas on the Island. The system comprises a new 9MI service reservoir at Les Platons connected to a new bi-directional trunk main linking the treatment works at Augrès and Handois with the existing high level distribution network. The gravity system replaces a pumped system which used 13 booster stations to pump water from the south coast of the Island to high level areas. Jersey Water keeps key stations in service to provide a back up system should there ever be a problem with the gravity feed main.

## TECHNICAL FACTS

	Year constructed	Location	Capacity (mega litres)	Type of construction
Augrès WTW	1964	Trinity	1.4	Reinforced concrete
Handois WTW	1931	St Lawrence	2.2	Reinforced concrete
Les Platons	2002	Trinity	9.0	Reinforced concrete
Westmount No1	1924	St Helier	4.0	Reinforced concrete
Westmount No2	1963	St Helier	5.6	Reinforced concrete

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Jersey Water is the trading name of The Jersey New Waterworks Company Limited.

  
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# WATER TREATMENT WORKS

St Helier, Trinity & St Lawrence



## THE TREATMENT PROCESS OVERVIEW

