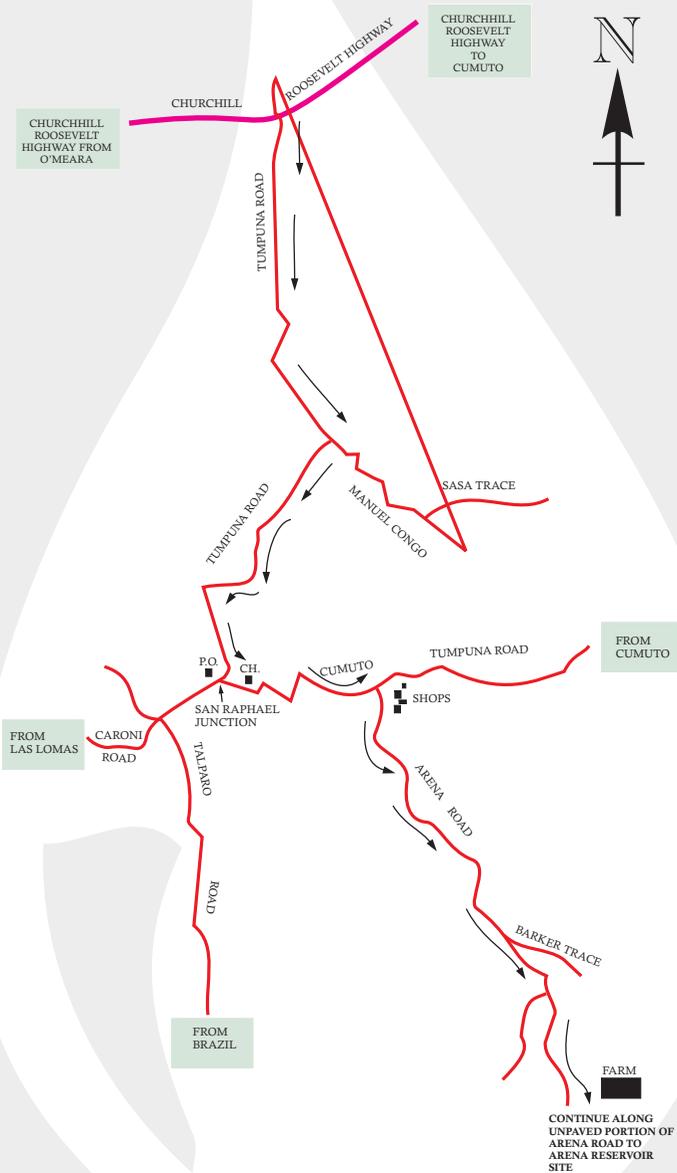


Getting to Arena Reservoir



Make sure you have a safe and enjoyable visit to our reservoirs by following these simple guidelines:

- You must not swim, fish or enter the water. The reservoir's banks are dangerous and in many places the water may be very deep.
- For the safety of all visitors and wildlife, barbecues are only allowed in sites provided at the reservoir.
- Parents/Guardians please keep children under control, especially near the water's edge and supervise them while they are using the playground.
- Car owners please lock your vehicles and keep valuables out of sight.

For more information...

Contact us at the following telephone numbers:

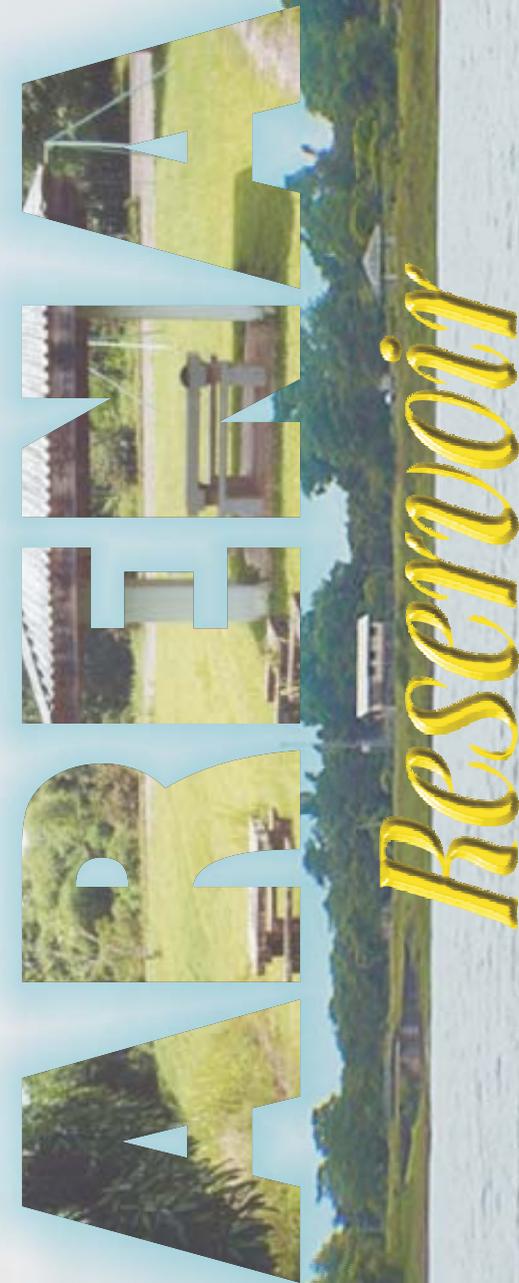
North 645-5900
South 653-0088
Tobago 639-8092/5

Please note:

Visitors to our Reservoir sites do so at their own risk. The Water and Sewerage authority cannot accept responsibility for the safety of visitors to any of these sites, or for injury, loss and damage to people or property whilst on the company's property.

We hope that you enjoy your visit and that we will see you again in the future.

Produced by the External Relations Unit of the
Water and Sewerage Authority of Trinidad and Tobago
Farm Road, Valsayn, St. Joseph
Telephone: 1(868) 645-5900



Welcome to Arena

The huge softly rippling reservoir in Arena is a marriage of man-made technology and nature's geographical systems. The reservoir is sited in an area where natural faulting gives rise to steep elevations and low valleys that provide a water storage area of over 680 hectares (1,700 acres).



The site, located between the El Pillar and Los Bajos faults, was covered with a thick tropical forest which had been cleared before the area was flooded to create the reservoir.



DAMS ACROSS THE WATER

Two dams were built at different locations on the major rivers that flowed through the area. One a small weir on the Tumpuna River and the other a major earthfill dam across the Arena River.

The Arena Dam is the largest ever built in Trinidad and Tobago. Reaching up to 40.85 metres (134 feet) at its highest crest elevation, it has been built to withstand earthquakes of up to 8.0 on the Richter Scale.



CONSERVATION

Located at the Arena Reservoir is the Tumpuna Pump Station from which the Water and Sewerage Authority, during the wet season when the rivers are high, draws water from the river and diverts it to the reservoir for storage.

The reverse happens in the dry season when river levels run low. Water is pumped back into the Arena River where some of it is withdrawn for processing at the Caroni Water Treatment Plant. Putting the water back into the river also helps to maintain the ecology of the river and ultimately the Caroni Swamp, into which the water flows.

MAN AND NATURE



Though the reservoir was a feat of man's engineering ability, unlike many other symbols of progress, it has not destroyed the beauty of the natural environment.

Hawks, Black Bellied Ducks, Caimans and Tyrants all have their

habitats around the periphery of the reservoir. The vegetation is dotted with highly colourful flowering and fruit trees such as the Chaconia (the national flower) and the balata among others.

The virgin forest has been lost and the landscape drastically transformed but the site has acquired a new beauty with recreational benefits for all visitors.

Though the area is not recommended for bathing, there are play parks for children, picnic tables and shady huts with areas for cooking. These provide a welcome escape from the hustle and bustle of every day life.

