



REVERSE OSMOSIS PLANT

When the plant was built:
Windsor Plant Completed
in 1997/ BHRO Plant
Completed in 2006/
BHRO Expansion Plant
completed in 2011.

What part of New
Providence it services: All
areas, except western
New Providence (but
really WSC do all the
distribution of the water
so more accurate
information could be had
from your Water Supply
Department).

Its capacity: Windsor Plant
produces 2 MIG per day;
BHRO Plant produces 6
MIG per day and BHE
Plant produces 4 MIG per
day; MIG-Million Imperial
Gallon.

Explain the technology: We
purify sea water using
the process of reverse
osmosis as the method of
desalination (de-salting)
of the sea water.

Storage Capacity of the
Hydro Tower: 750, US
Gallons.

How the water is channeled
to the Hydro Tank for
Storage: The Water that
is produced at each Plant
is stored in several low
level storage Tanks
(these are 5 MIG each).
Your distribution team
then uses large pumps to
transfer water from these
storage tanks to the blue
hydro tower tank.