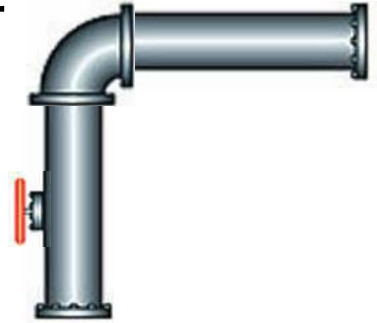


CLOUD TO TAP WHAT'S IN THE PIPELINE

Over these past 4 weeks we have been giving you a little in depth knowledge as to how water is collected, stored, treated and distributed to your homes. Here is a summary of what we are doing now to improve the 4 main facets of our water system.....



WATER COLLECTION:

- We can't make more water but we can improve collection to make the most of what we have available.
- We have started redesigning, rebuilding and upgrading abstraction points to increase the volume of water captured and funnelled into reservoirs.
- We are also seeking out alternative potential borehole sources and testing the salinity/quality of water.



WATER DISTRIBUTION:

- Because of the island's hilly terrain and the spatial positioning of many houses, our water supply network is extensive, thus presenting many problems.
- In some areas on the island, pipes are not buried and as a result at more risk of external damage and exposure to sunlight. Plans are made to bury these exposed pipes to reduce maintenance costs.
- In order to better manage water loss we are in the process of installing further bulk system meters to improve the monitoring of water usage on our water networks. This will enable us to detect less obvious leaks more quickly.



WATER STORAGE:

- Plans are in place to upgrade and increase capacity to improve water security.
- Currently we are in the process of replacing the existing reservoir linings, making them more durable and long lasting.
- We plan to enlarge the Harpers 3 Reservoir to approximately 2½ times its current capacity, thus significantly increasing our water storage security in the most densely populated area of the island.
- We have started site exploration and survey work for the development of a new reservoir in Hutts Gate, increasing the raw water storage in supplying the Hutts Gate Water Treatment Works.



WATER TREATMENT:

- The method of treatment is the same across all of the 4 Water Treatment Works, using a process known as rapid sand filtration, however this process has limitations.
- Water clarifiers will be installed at all the Water Treatment Works before the end of the financial year. These units will reduce the amount of smaller particles in the water, thus making the water supplied to you clearer.
- To make sure that your water remains safe to drink, chlorine dosing at the WTW's is done to prevent bacteriological growth along the various pipelines.



If anyone would like to have a copy of the four 'Cloud to Tap' series that have appeared in the press over the last few weeks, please contact us at our offices at Seales Corner or telephone 22255 and we will be happy to provide these.

21 August 2015