

**ADDENDUM TO THE OPEN NDLAMBE COUNCIL MEETING TO BE HELD ON
THURSDAY, 07 DECEMBER 2017 AT 10H00 IN THE BOARDROOM OF THE
CANNON ROCKS BEACH SUITE, CANNON ROCKS.**

- Closing off the main supply to Kwa-Nonqubela at 21.00 and reopening at 05.30 each day. The area is supplied by the Deacon Lane borehole only during this period.
- The main flow into town is restricted between 21.00 and 05.30 each day

The reservoir levels show that there is going to be a problem for this time in Alexandria. The municipality will dedicate a truck to cut water to the affected area.

Bokness / Cannon Rocks

The current status of the 2 reservoirs is:-

- Cannon Rock 2 MI Reservoir = 85%
- Boknes 450 KI reservoir = 80%

The bulk supply to CR/BK area is currently under strain as since Friday the 18th November 2016 the demand has risen significantly from rates between 5.5-6.5 l/s to rate between 6.5-8 l/s. Since the RO Plant capacity is just over 8 l/s we are therefore very concerned that the peak demands will not be met. We have a further concern that there is excessive water being used during what should be the low usage period at night between 23.00 and 05.00..

A by-pass facility at the RO plant for Borehole No.3 has been installed, with the lowest TDS level, which has the potential of adding a further 2-3 l/s without compromising the quality of the water to a major extent. If this is coupled to the RO output, a delivery of +- 11 l/s can be sustained.

We further recommend that the flow from the 2 MI reservoir is restricted at night to prevent potential excessive losses which appear to be contributing to the high flow at night. This will be particularly for the high peak days around Christmas and New Year.

It will however still require that usage restrictions are also introduced to reduce the potential demand.

Bathurst:

The reservoirs are 58% and 95% and the Bathurst Water Treatment Works has now been upgraded and a considerable more treated water storage at the WTW has been allowed for.

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The plant is running very well and is currently supplying surplus to the demand and we are busy completing the installation of the reservoir level control which would ensure raw water reservoir level at the WTW to remain full.

Kenton / Bushmans:

Kenton Reservoir – 92%

Elevated Tower – 95%

Bushmans Reservoirs- 90%

The plant is in a good working condition but the demand is starting to increase which may impact the levels as indicated above.

Port Alfred:

The Sarel Hayward Dam is 67%. All pumps at pump station No.1 are in good working order. Pump station No.2 and No.3 only 3 pumps are working at each station.

The Balancing Dam is 90%, the challenge is algae which at times blocks the outflow in the dam. That is being monitored and a diver is hired when there is a blockage to remove the algae. The booster pumps – 2 pumps are working and switched on as needed.

The Water Treatment Plant is in good working order and the sand filters have been refurbished. At Smith Street Pump 1 pump is not delivering sufficient capacity of water, we are looking at this as we have not found the reason for this. Due to high demand in Port Alfred, the restrictions are required.

Kleinemonde:

The plant has not been in operation for quite some time due to telemetry; the plant is operated manually when there is a demand challenge. Water is currently supplied from Mr Van Rooyen's farm and the R72 Borehole is not working due to electrical fault, which is being looked at. The water pipes and water network are checked on regular basis and kept in a good condition. The Main Reservoir is at 75% which is a concern and it is therefore recommended that restrictions are imposed also in this area.

RECOMMENDATIONS TO COUNCIL

i) THAT due to water shortage in the Ndlambe area, Council approves to impose water restrictions in the whole Ndlambe Municipal Area. In terms of Section 4 of the Water Services Act 108 (No 108 of 1997) the following will be prohibited immediately.

1. The use of water obtained from the Municipality's water supply system for:
 - a) Watering gardens, lawns, grassed areas, flower beds, sport fields, bowling greens, golf greens and fairways, croquet lawns, turf wickets, ploughing fields and the like;
 - b) Topping up or filling fountains, ornamental ponds and the like;
 - c) Filling swimming and paddling pools;
 - d) Washing paved areas, walls, roofs, building and similar structures.

2. The use or operation of:
 - a) Hosepipes;
 - b) Sprinklers, sprinkler and drip systems;
 - c) Automatic swimming pool filters
 - d) Automatic urinal flushing systems
 - e) The connection of a hosepipe or any form of irrigation system to a tap supplying water from the Municipality's water supply system unless for the purposes permitted in terms of this notice.

Exemptions

- 1) The use of reclaimed water or water obtained from sources other than the Municipality's water supply system.
- 2) Watering gardens, lawns, grassed areas and flower beds by means of a hand held container.
- 3) The use or operation of a hose pipe or sprinkler systems for firefighting.
- 4) Watering of plants, trees and shrubs in commercial, state and municipal nurseries.
- 5) The prohibitions contained in this notice shall not apply in any case specifically exempted, in writing, by the Director: Infrastructural Development.

Notice boards must be prominently displayed where water from sources other than the Municipality's water supply system is used for irrigation. Land owners must notify the

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Infrastructural Development Directorate in writing of the existence of boreholes on their property including the intention to sink new boreholes.

- ii) That the contravention of this prohibition constitutes a criminal offence.
- iii) That the restrictions be advertised on local newspapers and the numbers of people to be contacted during the festive season be included in the advert.
- iv) That in all the areas the water be restricted at night where required by closing of water for certain hours of the night and open in the morning. The time will depend on the demand versus the capacity of each area.

End
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