

----- Original message -----

From: Julian Rodkin <Julian.Rodkin@capetown.gov.za>

Date: 15/08/2018 16:45 (GMT+02:00)

To: Nora Grose <Nora.Grose@capetown.gov.za>, Nobby Mentoor <Nobby.Mentoor@capetown.gov.za>, Eduaan Albertyn <Eduaan.Albertyn@capetown.gov.za>, Silna van Tonder <Silna.vanTonder@capetown.gov.za>

Cc: Graham Reid <Graham.Reid@capetown.gov.za>, Tertius de Jager <Tertius.DeJager@capetown.gov.za>, Alfred Wolfgang Moll <Alfred.Moll@capetown.gov.za>, duneridge@telkomsa.net, Pierre Maritz <Pierre.Maritz@capetown.gov.za>

Subject: RE: Low Water Pressure Dune Ridge.

Hi Ed, Nobby, Barry, Councillor,

We carried out some checks at Dune Ridge Estate today, and I report as follows.

1. The status of this Estate needs clarity, as this appears to be a private development, with access control, yet the Estate Manager advises that the City maintains the water infrastructure with the Estate being responsible for road repairs.
2. There are individual water meters supplying each of the dwellings with no bulk meter.
3. The property has a variable gradient with a pressure of 25 metres taken at a fire hydrant on the lower gradient, and 15 metres taken at a garden tap on the upper gradient, at off peak.
4. Out of 130 dwellings on the Estate, around 10 houses, all of which are on the highest point of the Estate are, complaining.
5. These properties all have a reasonable supply and consistent flow on the ground floor, with a poor flow on the first floor of the dwellings.
6. With the increase in pressure that was approved by Pierre Maritz last week, we only increased the downstream pressure by 2 metres.
7. This has made a noticeable difference to the flow at the critical point, to the degree where there is now a reasonable pressure on the lower level of each complaining owner,s dwelling.
8. With the off peak pressure as advised in number 3 above, the pressure during on peak (6.00am to 10.00 am) would be at least 8.0 metres higher.

The current pressure and flow provided to this Estate is commensurate with our pressure management initiatives and I do not recommend any changes to this zone.

Alternate on erf improvements would be the responsibility of the home owners, and we are in a position to advise on these.

Thanks,

Julian