

INVERARY PARK - NEIGHBOURS REPORT – CCC MEETING 1/3/2019

DUST - No complaints over the last 3 months.

NOISE – Noise has not been too bad over the last 3 months due to easterly winds being dominant. However on a number of days when it was still or a slight westerly wind, the noise was significant. Particularly in the mornings from 7.00am until around 10.00am. The constant droning noise is mainly generated by the crusher (more noticeable since January) but the excavator buckets scraping, banging & clanging while loading trucks & digging and also trucks gearing in and out of the quarry are the loudest, often over 45db. (Note: some of these noise levels have been recorded previously in the June Noise Report) - **Report No: 181023-02_Noise_Rev3 August 2018 (Released: 6 August 2018) Benbow Environmental.** *Excavator, scraping < 51 dB(A) Truck revving < 43 dB(A) Reverse alarm < 42 dB(A).* This Report was organised by Multiquip Quarries.

This noise needs to be mitigated and we would like to see your Environmental Officer come over when the noise is at these levels to see for himself. Multiquip made this proposal in their response to the Submissions (*2.11.3 Noise Management and Mitigation – Response to Submissions*) but they have yet to attend when complaints are made or when they are asked to come over and record it.

The other thing Multiquip could do is to build the bund walls where they have proposed and where they will do some good, rather than building one along our boundary fence which achieves nothing. It does not even help with visual pollution, as its in a low area.

Planting of trees etc as proposed previously, would also help mitigate visual pollution. This commitment has been in place since the inception (14 + years) and yet still no vegetation has been planted to screen from neighbours.

WATER – After reading the report prepared by an independent consultant “Australasian Groundwater & Environmental Consultants Pty Ltd” (AGE) it seemed conclusive that the extraction operations at Ardmore Park Quarries (Sand & Hard Rock) is not the reason for the decline in flow rates at Phils Spring.

As I read the report, it appears that the reason for water decline is because of the underground water level in the alluvium (aquifer) in Ardmore Park, which has dropped approximately 3.5 meters since 2003. Although not conclusive, there is evidence that the

aquifer could be connected to Phils Spring, impacting by lowering the pressure & reducing flow.

The reason for the groundwater level to decline is not clear, but the Production Bore (BHAP6) is a suspect. It is possible it is draining the upper aquifers causing the drop in Ground water levels of 3.5 metres. The production bore itself has dropped 7.38 metres from 2003 to 2018.

The lack of water level data from Ardmore Park bores, from 2003-2018 has also not helped in determining the cause. It has been recommended that there be further study's done to determine if BHAP6 is responsible.

Our spring flow continues to decline and is now at an historical low recorded on 19.2.19 of 6,850 Litres/Day.

We are awaiting the Planning Departments comments.

Phillip & Diane Broadhead