

## PWCS SUBMISSION RE NOISE INTRUSION

Due to the close proximity of the nearest proposed infrastructure at Tourle St bridge (only 1.6klms from the author's residence in Warabrook), noise will quite clearly be a factor of concern, not just in the construction phase, but continuing on into operational times.

Construction noise due to pile driving, earthworks, dredging, transporting of equipment and onsite construction will all generate noise that will be quite intrusive and will often exceed allowable limits to the nearby residence.

Most particularly of concern is the encroachment of rail noise where an estimated 30% increase in rail movements will occur at the end of the 3<sup>rd</sup> construction phase.

This estimation does **not** include PWCS and NCIG current ceiling approvals for their existing installations which will add considerably to their throughput and therefore increase rail movements well beyond the stated T4 projections.

Warabrook and Mayfield are surrounded by this rail activity which will impose more constant noise with the increase in rail movements. Longer trains than before require more locomotives to haul this load and 3 locomotives are now normal practice. Longer trains mean an extension to the noise intrusion and additional locomotives mean more average noise. As these trains operate around the clock, rail noise intrusion is only going to get much worse at night.

The EIS does not make any estimation of the construction noise that will ensue during extensions to the rail infrastructure as this is in the ARTC domain. This will surely contribute significantly to noise levels during this work.

A solution to the rail noise could be brought about by re-routing the rail line to the other side of the river with a crossing further up the river but may intrude due to environmental concerns.

In Summary, construction noise needs to be closely monitored with due consultation with residence close at hand.

ARTC need to be accountable to the public's concerns over noise intrusion and perhaps consider introducing a curfew at night time between 10pm and 6am.