

# Fingerboards Mineral Sands Project Inquiry and Advisory Committee

## Technical note

**TN No:** TN 030

**Date:** 11 June 2021

**Subject:** Articles Referred to in Cross-Examination of Dr Jasonsmith

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1. This Technical Note accompanies the provision to the IAC of four articles referred to in the cross-examination of Dr Jasonsmith.
2. While the usual practice of the IAC is to publish tabled documents on the internet, Kalbar requests that the articles accompanying this Technical Note not be published on the internet for intellectual property reasons.
3. Instead, this Technical Note provides citations for, and links to, the relevant articles in order to enable interested parties to obtain their own copies on an appropriate basis. The articles are:
  - a. Bolto and Gregory, 'Organic polyelectrolytes in water treatment', (2007) 41 *Water Research* 2301 (cited in the original Witness Statement of Dr Jasonsmith). Available for purchase from: <https://doi.org/10.1016/j.watres.2007.03.012>.
  - b. Chang et al., 'Aerobic and anaerobic biodegradability of a flocculant polymer', (2001) 44(2) *Water Science and Technology* 461 (cited in Bolto, above). Available for purchase from: <https://doi.org/10.2166/wst.2001.0802>.
  - c. Nyssölä and Ahlgren, 'Microbial degradation of polyacrylamide and the deamination product polyacrylate' (2019) 139 *International Biodeterioration and Biodegradation* 24 (cited in the Supplementary Witness Statement of Dr Jasonsmith). Full text available without charge from: <https://doi.org/10.1016/j.ibiod.2019.02.005>.
  - d. Dai et al., 'Biodegradation of polyacrylamide by anaerobic digestion under mesophilic condition and its performance in actual dewatered sludge system' (2014) 153 *Bioresource Technology* 55 (cited in Nyssölä, above). Available for purchase from: <https://doi.org/10.1016/j.biortech.2013.11.007>.