SUBMITTER E. JILLIAN ROBINSON DATED 23 MAY 2021

My recommended changes to Adele Dawson’s Section 42A Report

General Conditions. Page 1 - Section 1 - Sub section c)

Extraction of material be no deeper than 1 metre above the highest recorded groundwater level and no deeper than 5 metres below the natural ground level. (This is to ensure that no ground water should rise through any potentially contaminated backfill in the event of flooding or prolonged adverse weather events).

Bund Formation. Page 4 - Section 10

Mentions bund compaction – A compactor is not mentioned in the list of machinery to be used. A compactor with unknown dBl rating may, if used, impact on noise emissions.

Air Quality Management Plan. Page 11 - Section 5 – Sub section m)

“A maintenance schedule for meteorological and particulate monitoring instruments (including PM 10) monitoring instruments”. This needs to include 3 tsp monitors situated on east, south and west of extraction boundaries also.

Also see Section 42A officer amendments - Page 14 - Section 5 – Sub section p) ix.

Include PM 2.5 tsp and PM 10 monitors.

Dust Mitigation and Monitoring. Page 17 - Section 10 - e)

“Limiting and extracted aggregate and imported VENM stockpiles to no more than 5 m in height above natural ground level”. I recommend that all stockpiles be limited to 3 m. Level of stockpiles must not exceed the height of the bunds.

Page 17 - Section 10 – h)

“Regularly vacuum sweeping sealed areas”.

There is no mention of vacuum cleaning machinery in machinery list. There will be additional noise from such equipment and it may cause excessive noise emissions.

NB

All trucks containing either backfill or excavated aggregate, leaving or coming to the site, must be covered.

Page 23 - Extraction Depth. Section O

See Section 42A Officer’s amendment.

“I recommend to retain condition O. All groundwater experts agree that a limitation on the area of land to be excavated below 1 metre above HGWL is necessary”. (I agree this measurement should be held at 1 metre, not reduced to 0.5m).

Discharge of Backfill Material.

I would like to see all backfill laboratory tested at source. This can be done well in advance of it being needed and will hopefully negate backfill being held onsite awaiting test results.

E. Jillian Robinson 23 May 2021