



Karuah East Quarry – Community Consultative Committee

Site Inspection Record – 3 September 2018

Venue: Karuah East Quarry Site

Time: Start 3.15pm
End 4.00pm

Attendees: Michael Ulph (Chairperson), Tony Ebben (Community Representative), Wade Cameron (Community Representative), Goetz Schraer (Community Representative), Greg Dressler (Karuah East Quarry), Tim Grugeon (Karuah East Quarry) and Mat Radnidge (ADW Johnson).

Apologies: Matthew Bell (Mid Coast Council).
Chris Jones (SLR). Tim Grugeon advised that Chris's involvement in the CCC from this point forward will be on an 'as needed' basis.

Record of Site Inspection

- All CCC members met at the Karuah East Quarry office at 3pm.
- Greg Dressler and Tim Grugeon transported the CCC members in two vehicles to the following locations:
 1. Crushing Plant (Lot 13 DP 1024564); and
 2. *Tetratheca Juncea* (TJ) translocation area (Lot 14 DP 1024564).
- CCC members were returned to the Karuah East Quarry office at 4pm.

Record of Matters Discussed During Site Inspection

Prior to leaving the Karuah East Quarry office to commence the site inspection, Greg Dressler advised CCC members that operations of the Karuah East Quarry will be temporarily ceased until early 2019. During this time further design and construction (including construction of stage 2 the permanent crushing plant) will be completed. This will include the design and implementation of acoustic treatment (based on actual recorded noise rather than modelling) at the jaw crusher location.

At **Location 1**, the following was observed:

- Temporary mobile crushers had ceased operation and were in the process of being decommissioned.
- The permanent crushing plant was under construction.

Due to inclement weather, CCC members did not exit the vehicles for group discussion at Location 1.

At **Location 2**, the following was observed:

- The TJ translocation site. A number of TJ individuals were flowering.

CCC members exited the vehicles and inspected the translocation area.

Matters discussed included:

- Tim Grugeon advised:
 - The TJ translocation area monitoring process and current success rate, which is at approximately 50%. Tim advised that ecology literature suggests that after 5 years a range of 19%-34% can be expected. He is aiming for a success rate of approximately 30% after 5 years.
 - The western end of the TJ translocation area is experiencing approximately 90% survival rate and parts of the eastern end has died off.
 - Upon translocation (yet to be completed) of the 13 TJ individuals as a result of MOD 1, it will be good to be able to compare level of success.
- Wade Cameron offered the following comments:
 - If a 30% survival rate over 5 years is achieved that would be a good result.
 - Noting the success rate of the western end of the translocation area, KEQ Pty Ltd should consider this when preparing the translocation area to receive the 13 additional TJ individuals affected by MOD 1. Tim Grugeon confirmed that this would be the case and accordingly the translocation area would likely be expanded north (in line with the western section of the translocation area).
- Tim Grugeon – Of the 30 nest boxes installed in April 2016, there is evidence of use in eight (8) boxes, including a pair of sugar gliders.

End of Site Inspection Discussions