

Gabrielle Allan

From: sysadmin@interlated.com.au on behalf of Gardens of Stone <sysadmin@interlated.com.au>
Sent: Friday, 6 October 2023 2:31 PM
To: Gabrielle Allan
Cc: jrobens@interlated.com.au; keith.muir6@bigpond.com
Subject: Angus Place mod 8 and West Coal Services mod 5 submission

I have not made a reportable political donation:
[webform_submission:values:radio_button_yes_no_political_donations]

I would like my name withheld: No

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I am objecting to the proposal:
[webform_submission:values:i_am_objecting_to_the_proposal]

To Whom It May Concern

I Live in the Mudgee area, which is 112 km from my place to Lithgow and the Garden Of Stones. You know it is an Australian Icon when you have visitors from overseas and its beauty, fauna flora and stone structures and they delay going back to Sydney so they can explore more of the Gardens you know that this place is sacred and has to remain this way without any negative changes.

Why? This kind of underbelly tactic is certainly a great way to alert more people to what has been done and they will act.

All wrong.

If goes ahead, we will see the loss of everything in the Garden Of Stone that we have always held close to our hearts. The proposed modification 8 which would allow pumping at 10ML/day from areas 800 and 900 is likely to again lower the groundwater table and also impact on surface water resources of the area of operations for the Angus Place West proposal.

Due to the proximity of the Lithgow Coal seam to the surface in the Angus Place West project area. These modifications may cause regional drawdown or localised far-field drawdown of near-surface groundwater, damaging Kangaroo and Lambs Creeks and swamps, as well as the upper Cocks River and its swamps. Nationally endangered plants may also be harmed, including *Xerochrysum palustre* (Swamp everlasting), *Pultenaea glabra*, *Kunzea cumbatensis*, *Veronica blakleyi*, *Grevillea acanthifolia*, *Gentianella cunninghamii*, *Prasophyllum australe* and Latham's Snipe (a rare migratory bird species).

The mine effluent will have elevated levels of heavy metals if salinity is treated to the proposed 350µS/cm standard. This level of treatment may not adequately protect aquatic ecosystems, especially macroinvertebrates, given the flow of mine water at the LDP001 entry point into Wangcol Creek. Wangcol Creek flows to the Cocks River and is part of Sydney's Drinking Water Catchment. The modifications will see more contaminated mine water going into the Wangcol Creek from the Western Coal Services site. This water is likely to be contaminated with toxic chemicals such as arsenic and selenium that have been recorded as present in the mine water of the Springvale-Angus Place mine water system.

Do not do it.

Rachel Knorr