

Mining Regulation Branch
Department for Energy and Mining,
GPO Box 320,
Adelaide. SA 5001
dem.miningregrehab@sa.gov.au

23 August 2023

Dear Sir/Madam,
Re ERIMAR QUARRY (MC 4541) MINING LEASE PROPOSAL

Thank you for the opportunity to view the Issue 3 Schedule of proposals and responses about the above Mining Lease proposal.

My partner and I reside at [REDACTED] at Hartley and the only reason we were aware of this proposal was due to advertising for public consultation. We have not been consulted by the owners of the proposed Erimar Quarry, due to our location being between 2 and 3 kms South/Southwest of their site. We will be impacted if it goes ahead and formally object to the Quarry being established.

We reside in close proximity to other quarries of various types, with Goolwa Quarry (Hartley site) sharing our rear boundary. The Goolwa Quarry is behind the hill, and we have scrubland on our property to shield the house from dust. The Erimar Quarry is planned to be lower in the same valley and in full view as the years go on.

If the Erimar Quarry is to be considered for approval by the DEM, then we would like further consultation to tighten the regulations for this specific site, and request information regarding how the operators will be required to prove compliance of regulations, and what consequences are laid down in the case of non-compliance.

Our main concerns in brief are

1. Strongly against 30-year mine life.
2. Visual - loss of scenery as our view looks directly at the proposed site of the Erimar Quarry. Our home is approximately 10 meters above the road level, so the photos provided on behalf of the operator's visual perspective taken at the road at several locations do NOT reflect our view. Our place was strategically built to take in the views. We do not want to look at this mine for the next 30 years. See attached photos.
3. Increased road traffic along Chaunceys Line Road, particularly of heavy trucks.
4. Damage to the unsealed section of Chaunceys Line Road between Erimar Road and the proposed site entry point near Bromley Farm.
5. Increased dust due to operations at the site, and trucks on the road.
6. Noise of operations at the quarry, and noise of trucks on the road. Being in the valley they will echo and reverberate in the area.
7. Decimation of habitat for endangered animals.

We hope you read and respond to our submission detailing our concerns.

Kind Regards,

[REDACTED]

[REDACTED]

2.2 Climate	<p>* Question accuracy of temperature ranges for Hartley - not the same as Strathalbyn or Woodchester. Hartley gets a lot hotter in Summer than the stated average of 26 degrees Celsius.</p> <p>* Hartley is in a 'rain-shadow' and does not get as much rainfall as nearby localities. Even so, looking at the data for Woodchester provided for 2021, there were only 2 of 365 days where rainfall was over 15ml.</p> <p>* The Goolwa Quarry pumps out excess water pooled in the pits, what are the plans for the Erimar Quarry?</p>
2.6 Groundwater	<p>* In Table 7, Well Unit No 6727-2976 not included. This is a water well on my property. What will the impacts be on our Well?</p>
2.9 Fauna	<p>* Disagree with assessment of non-habitat for regional species on site. We have seen on our land Sand Goannas, echidnas, 2 varieties of owls, eagles, falcons, hawks and kites, but not all at once, nor every day. With these sightings being only 2.5 km from the proposed site, we feel scrub and native vegetation on the site should be protected by providing a 5-metre-wide corridor for animals to travel through and nesting boxes in sites deemed suitable for predatory birds.</p> <p>* Being close to the Ferries MacDonnell Conservation Park, consideration could also be given to protecting the habitat for Mallee Fowl. What actions will the Quarry take to protect fauna near the close by Bremer River?</p>
2.12 Proximity to Infrastructure and Housing	<p>* Woodchester doesn't have a shop or a school, so this data is incorrect.</p> <p>* This proposal states this is a 30-year plan for this quarry, but that there are no plans to connect water or electricity in that time. It also states you will be using portable toilets for employees. This is unhygienic and unsanitary for such a long-term plan. This requires further review and planning.</p> <p>* Our property has an approximate 20-meter elevation from the road to the top of the property. Our house is facing 6 degrees north, with all living areas and outdoor entertaining area overlooking the proposed site as it is built approximately 10 meters above the road level, allowing us a 180 degree view of the valley and hill vista beyond. See attached photos for how our visual aspect will be impacted by the proposed Erimar quarry. We do not want to look at this mine for the next 30 years.</p>
2.15 Air Quality	<p>* Dust associated with general operations to be managed by using a water cart. What frequency is the operator planning to wet everything down to reduce dust? Once a day? Once a week? Are they required to keep a ledger of dust reducing practices and how they are monitoring the concentration in the air?</p> <p>* In case of neighbors' or adjacent landowners making complaints, what is the grievance process if they don't feel it is being addressed satisfactorily?</p>
2.16 Noise	<p>* We already experience additional noise from the Goolwa Quarry situated behind us through business hours during the week and on Saturday mornings, made up of excavators, crushing plants, heavy trucks and occasional blasting. We do not wish to experience heightened noise levels, especially as the Erimar proposed quarry is in the valley with no barriers and sound will reverberate.</p>
3.2.1 Resource	<p>* For an estimated 30-year plan for the quarry, why are there no plans for connecting water and electricity? Or building shelter for equipment, trucks and fuel tanks?</p> <p>* Diesel generators are a source of noise pollution, but also release greenhouse gases into the atmosphere contributing to climate change concerns.</p>
3.3.4 Use of Explosives	<p>* We object to further explosive exposure, but if it was to happen, we would want to be contacted with notification of the impending blast, so that we are not confused with where it was coming from; Goolwa Quarry currently phone with 2 hours warning of blasts.</p> <p>* We are concerned that by being in the middle of 2 quarries blasting that vibrations will damage our residential home, upset the ecosystems that support native wildlife on our property, and reduce the value of our property.</p>

3.3.5 Modes and Hours of Operation	* We don't like the quarry hours for campaign operating hours to operate to 6pm, 4.30pm is enough, same as for continuous operations. Also, we object to Sunday operations altogether. We deserve one day of peace in our home.
3.5.1 Access and Roads	<p>* Should the proposed quarry be approved, it is requested that further bitumen be laid on Chaunceys Line Rd from Erimar Road to the site access via Bromley Farm.</p> <p>* We are not happy about the extra traffic this will cause as it is a 100-speed zone, and there is an increased risk of accidents and blocked visibility with extra trucks using the road. The listed travel route of trucks using Chaunceys Line Road to North Bremer Road to travel towards the Freeway is unbelievable. North Bremer Road is unsealed and passes other residential dwellings and businesses. The route that Goolwa Quarries trucks use is to follow Chaunceys Line Road all the way to Callington Road, then travel along Callington Road to the Freeway. The turn off from Chaunceys Line Road onto Callington Road is deteriorating with potholes, and trucks using this exit hold up traffic already.</p> <p>* There is another quarry further up Clay and Sand Contractors, and Peats Soil also sporadically use this section of Chaunceys Line Road, so adding further trucks is not ideal in our opinion. If it is to remain unsealed, this section of Chaunceys Line Road will require more regular grading and maintenance.</p> <p>* Being a rural agricultural area, stock such as sheep are often moved along the roads by herding them from one property to another for grazing purposes and crop rotation needs. Extra heavy trucks on the road will put these patterns at risk, causing stress to animals and farmers. Our land has been used for agisting sheep, so this is another aspect that could negatively impact our business affairs and relationships with peers.</p>
3.5.3 Public Services and Utilities Used by the Operation	<p>* All power is to be provided by diesel, should be looking to include renewable power, including wind and solar, along with batteries and other firming support.</p> <p>* Diesel emissions contribute to the development of cancer; cardiovascular and respiratory health effects; pollution of air, water, and soil; soiling; reductions in visibility; and global climate change.</p>
3.5.4 Visual Screening	<p>* Require full visual screening of the southern boundary of the Site.</p> <p>* Include vegetation biodiversity corridors that allow animals to travel from one patch of scrub to another.</p>
3.5.5 Fuel and Chemical Storage	* Fuel tanks should be protected from the sun to protect fire hazards. Hartley has a dry climate and protective behaviours should be observed.
4.2 Economic	<p>* Do local contractors have capacity to fulfil the requirements of the new mine?</p> <p>* Reducing transport costs is a furphy since competing against existing mines within 10 kms radius, how is this reducing costs?</p>
5.3.6 Traffic	* As the quarry will be supplying similar projects and markets to existing quarries in the area, this new mine can wait until existing mines are coming towards their end of life.
5.3.7 Visual Amenity	* As previously stated, we are immensely impacted by the visual amenity, and the loss of scenery is a massive issue for us. The proposed site is our view from our bedroom, lounge, dining and kitchen areas, as well as our outside verandah and entertaining area. We do not wish for this to be compromised.
5.3.8 Revegetation	* Concerns that mature plants will be replaced with immature versions and require extra water usage to establish them.
7.1 Surface Water	* How do the operators plan to measure usage and rectify if they use excess water impinging on the neighbors' ability to water their crops and feed their stock? How can the CFS access water if required in the event of a fire?
7.3 Dust	*What remedy has been proposed for extra dust distribution on the unsealed roads in summer?
7.4.2 Impact Assessment	<p>* Only adjacent landowners considered, what about other landowners with direct view of Site?</p> <p>* Own assessment states "Site inspection and terrain mapping have confirmed the</p>

	sloping surface will not provide visual relief to landowners to the south and west with aspects of the Site being visible and it is reasonable that an impact may become realised”, therefore that you need to provide visual relief.
7.5.2 Native Vegetation and Habitat	* Screening trees is an absolute minimum if the mine life is 30 years to block the view of the quarry site.
Land Access Map	* Not all Residences have been identified between 2000m and 3000m.
Visual Assessment Map	* No photo taken from Residence between photo locations 2 & 4.

From our bedroom window



From our back verandah



