

This newsletter contains information for the residents of Keysbrook, North Dandalup and neighbouring communities in relation to Doral's Keysbrook project.



REHABILITATED PASTORAL LAND 18 MONTHS FROM COMMENCEMENT OF MINING AT KEYSBROOK

## KEYSBROOK OPERATIONAL UPDATE

### Doral Mineral Sands Pty Ltd

In January 2019, the Board of MZI Resources (MZI) announced that the Company would explore a sales transaction for Keysbrook Leucoxene Pty Ltd (KLPL) being the mineral sands operation located at Keysbrook. Following a detailed sales process, and the placement of MZI (the parent company) into voluntary administration, the Company is pleased to advise that effective 1 July 2019 the Keysbrook operations are now owned by Doral Mineral Sands Pty Ltd (Doral).

Doral, a wholly owned subsidiary of Iwatani Corporation of Japan, specialises in the supply of high value mineral sands products and has been toll treating product from the Keysbrook operations since the project commenced in 2015.

Doral has been mining mineral sands in the South West of Western Australia since 2002. Its operations includes the Dardanup mine (and Burekup extension) which is now fully rehabilitated and the Yoongarillup mine (near Busselton) which commenced in 2017 and has an anticipated completion date of 2020. The continuation of Doral's mineral sands business, through new projects and acquisitions, is crucial in delivering product to its global customers and to the ongoing employment of its 180+ local employees and contractors.

In addition to the mineral sands business, the Company also owns and operates Doral Fused Materials (DFM), located in Rockingham. This downstream process transforms its zircon sand product to high value zirconia products utilised in ceramics, colours and industrial refractories.

## KEYSBROOK OPERATIONS

Following a short transition period, Doral have instituted a number of significant positive operational changes. Most notably, mining operations are now daytime hours only, between the hours of 7am and 6pm. Ore processing remains a 24/7 operation, with the Mining Feed Unit (MFU) fed by ore from a stockpile during the night period. The cessation of night mining has reduced operational noise emissions during the night period. Nevertheless, noise minimisation remains a focus of site management.

In addition, mining has changed from a combined effort of KLPL and contractor personnel and equipment to now solely contract mining using Pinjarra based earth moving company, Raywell Contracting. As a consequence of this change, many of the people employed by KLPL have been re-employed by Raywell Contracting.

Mining activity remains on Lot 59 with plans to move further west (towards Hopeland Road) in the coming month. Ahead of mining, preparatory work such as vegetation clearing, internal access roads, fencing, pipe installation and relocation of pumps will occur.



RAYWELL CONTRACTING TEAM

Following a short period of mining, operations will again move including the relocation of the MFU to the north which remains subject to landholder and environmental approvals. The Company recently submitted a Development Application to the Shire of Serpentine Jarrahdale for this northern mining area, with additional approvals currently being sought for land adjacent and owned by Doral.

## COMMUNITY PARTNERSHIPS

The Keysbrook CCG continues to meet on a quarterly basis to discuss operational matters and assess sponsorship submissions received from local community groups. Given the recent ownership change of the Keysbrook operations, all sponsorship acknowledgements will be attributed to Doral. This rebranding exercise will take some time, but any queries with regards to logos or signage, please contact Jordy Cain to discuss.

### Major funding commitments for 2019 include:

- Murray Districts Historical Society
- The Art Corner
- Rotary Club of Pinjarra for the construction of a bike shed at Fairbridge
- Serpentine Food & Farm Alliance
- Dwellingup Pumpkin Festival
- Keysbrook Volunteer Bush Fire Brigade car park resurfacing (a joint project with Raywell Contracting)
- Oakford Jump Cross
- Movie Night North Pinjarra (North Pinjarra Progress Association)
- Landcare SJ, tree planting project for RU OK day
- Mundijong Arts & Crafts
- North Dandalup Community Group '170 years of North Dandalup Day'
- Pinjarra Garden Day on 27 October 2019

If you know of an organisation located within the Shire of Murray and the Shire of Serpentine Jarrahdale, please contact site administration, [reception@klpl.com.au](mailto:reception@klpl.com.au) for a sponsorship application form or phone Jordeana Cain to discuss.

**LANDCARE SJ Presents**  
*By the Community for the Community*

**Is there a change in what they're doing?**

**Trust the signs, trust your gut & ask R U OK**

**Event: Landcare SJ R U OK? Planting day**  
**Date & Time: September 12 from 9.00 a.m. – 11.30 a.m.**  
**Location: Gooralong Brook, Jarrahdale**  
Parking behind Historic Post Office Museum on Jarrahdale Road.

This event is open to all Landcare members, friends, and the community. For more information, contact the Landcare SJ office or the Shire of Serpentine Jarrahdale. Landcare SJ is a not-for-profit organisation. Landcare SJ is a not-for-profit organisation.

LANDCARE SJ Shire of Serpentine Jarrahdale Doral RUOK?

**We make time to ask RUOK?**



## REHABILITATION AND ENVIRONMENTAL UPDATE



LANDCARE SJ AND KEYSBROOK PERSONNEL VOLUNTEERING FOR NATIVE VEGETATION TREE PLANTING

A significant rehabilitation programme is all but complete for the 2019 season. The native revegetation project has covered around 30 hectares with approximately 100,000 native seedlings planted on two designated conservation areas, along streamlines and other areas as part of an overall rehabilitation plan. Special thanks to Landcare Serpentine Jarrahale, Chatfields and Workpower for getting the seedlings in the ground. Preparations have started for the 2020 season, with work on the detail of another substantial seedling order that needs to be placed with nurseries in the next month.

### **Special thanks to Landcare Serpentine Jarrahale, Chatfields and Workpower**

The targeted pasture rehabilitation programme of 300 ha was completed in 2019. A further 50 ha has been seeded with a cover crop for dust suppression, with an additional 100 ha targeted by October this year. Early performance of the pasture rehabilitation has been good and is tracking similar to the outstanding results recorded in 2018. A revised methodology for the management of tailings which produces a homogenous sand and clay blended subsoil appears very effective in supporting crop growth.



SEDGE PLANTING ON LOT 202, ELLIOTT RD

Extensive noise, dust and water monitoring programmes continue to be implemented. Elevated dust levels were recorded on 6 June under particularly strong north easterly winds that occurred ahead of an approaching cold front. Soil conditions were dry and relatively large areas undergoing rehabilitation works contributed to the high dust levels. Two water carts which were operating continuously were diverted in the afternoon to extinguish a fire that occurred on neighbouring property.

Noise management has focussed on revising the site predictive noise model to ensure the ongoing relevance of the model for future mining locations. This has involved re-measuring the individual noise levels emitted from numerous items of the mining fleet including haul trucks, excavators, water carts and graders.

To the end of July this year the Company has used 41% of its annual licenced groundwater allocation. This rate is comparable with previous years. Groundwater use is greatest in the period November to May to make up for water lost by evaporation and seepage. In winter and spring almost no groundwater is drawn as evaporation losses are reduced and more than offset by rainfall.



KEYSBROOK SITE WATER CART EXTINGUISHING FIRE ON NEIGHBOURING PROPERTY



## NORTH DANDALUP COMMUNITY DAY

The North Dandalup Community Group will be holding their second community day event and this year will be celebrating '170 years of North Dandalup Day'. This event will be held on Saturday 5 October, 11am to 3pm at the North Dandalup Town Hall and Oval. Based on the success of last year, we are certain this event will be as popular and will attract crowds from afar to celebrate and be a part of North Dandalup's history. Doral is a major sponsor of this event and will be manning a display and is looking forward to meeting the local community. For further information on this event, please contact Sheree Chapman on 0420 377 121 or ndcg6207@gmail.com.

## Keysbrook CCG Contact Details

<b>CCG Chairperson</b>	Ian Junk	0409 005 131
<b>Shire of Murray Community Representative</b>	Kathy Elliott	0412 751 000
<b>Shire of Murray Council Representative</b>	Clr Brenda Beacham	0439 911 461
<b>Shire of Serpentine Jarrahdale Community Representative</b>	Scott Hambley	0417 173 410
<b>Shire of Serpentine Jarrahdale Council Representative</b>	Clr Keira McConkey	0401 445 338
<b>Doral Representative</b>	Jordy Cain	0407 771 458

**Shift Team Leader Mobile Number (outside of business hours) - 0499 000 365**



## CONTACT THE COMPANY

The Keysbrook operations have a 24/7 mobile number, 0499 000 365, that you can call should you need to contact the site for any urgent matter outside of normal office hours. If you would like to meet and discuss a matter relating to the Keysbrook operation or would like to tour the site, please contact Jordeana Cain, Corporate Affairs Manager on 0407 771 458. For all other matters please phone Keysbrook reception on 08 6557 5340, or reception@klpl.com.au.

