



Current Project Activities

- Work continues on the two key secondary approval documents, Program for Environment Protection and Rehabilitation (PEPR) for the mine and Construction Environment Management Plan (CEMP) for the infrastructure.
- Iron Road's Community Engagement Plan has been submitted to DPC. Thank you to those who provided feedback on the document.
- Project discussions continue with China Railway Group and other parties, leading up to a Final Investment Decision.

Frequently asked questions from the PEPR 'drop in' sessions

Iron Road hosted several PEPR 'drop in' information sessions in August and had a marquee displaying information relating to the PEPR at the Wudinna Show in September. We were happy to see quite a few locals drop by, either looking for specific information or simply to say hello and have a chat. We received much interest regarding the project generally, the job opportunities and when they may become available, and the expected timeframes of when construction might begin.

Interest in the PEPR specifically was focussed on the monitoring locations for dust, noise and vibration; dust management and baseline data; water; pests and weeds and the local road network. Some questions we received at both the drop in sessions and the Wudinna show are included below.

How will pests and weeds be managed during construction and operation to ensure no surrounding farms are impacted?

Iron Road will implement weed management practices in consultation with the Eyre Peninsula NRM Board and local landowners, to reduce impacts to native flora and associated habitat and align with regional practices and legislation (e.g. Weeds of National Significance, Declared weeds under the NRM Act, EP NRM Plan). Weed management strategies include:

- Incorporation of existing and future baseline weed data to clearly identify areas with Declared weeds that need to be controlled or disposed of appropriately.
- Identification of the presence of regionally significant weeds on site and monitor the extent of spread.

- Weed hygiene practices such as the cleaning of plant, equipment and vehicles before construction and after access to known areas infested with Declared weeds.
- Maintenance of tracks and monitoring for weed outbreaks.

An incident reporting process will be implemented for regular weed control and weed outbreak as part of broader environmental site management.

Pest management activities to reduce indirect impacts to native flora, including weed spread, erosion and degradation of vegetation, include:

- Incidental reporting of pest species and periodic monitoring of pest species populations at the site during construction and operation.
- Adaptive management practices to be implemented including identification of the cause of any increases in pest animal numbers and control measures which align with regional practices (e.g. Eyre Peninsula NRM Board Pest Management Program).

When will baseline monitoring for dust start?

Baseline monitoring data in relation to dust commenced in 2014 and continues to be undertaken. Typically, baseline monitoring is only required for 12 months prior to construction.

In line with standard global industry best practice, the monitoring program is planned to be expanded, prior to operations, as described in Iron Road's Mining Lease. This was recently presented in our draft PEPR summary and at our community information drop in sessions in Wudinna, where air quality was identified as being one of the six key interests for the community. A brochure detailing all of the key topics is available on the Iron Road website.

Where will the dust, noise and vibration monitors be located and how often will the monitoring data be collected?

The PEPR summary document details the monitoring of dust, noise and vibration. Reporting of data will be made available to the public in real time on an unrestricted internet site.

There is a supporting map showing the proposed location of the various monitoring units which is available to view (as part of this document) on the Iron Road website which may be accessed by clicking on '*PEPR Summary document*' at the following link:

<http://www.ironroadlimited.com.au/stakeholders/information-links>

Outcomes:

Air Quality

- No public health impacts from dust or nitrogen dioxide
- No public nuisance impacts from dust
- No impact to agricultural productivity (including crop yields, grain quality, or health of livestock) due to deposition of dust and/or saline aerosols

Noise and Vibration (Blasting)

- Noise from mining operations during construction, operation and closure is in accordance with the current amenity as defined by the Environment Protection (Noise) Policy 2007 and the Wudinna District Council Development Plan
- No adverse impacts to public safety; human comfort; third party property (including stock); adjacent land use; aircraft or other receptors from airblast and vibration caused by blasting

What will be monitored and how?

- PM₁₀ and PM_{2.5} (dust) monitoring through continuous Beta Attenuation Monitor (BAM)
- Crop productivity monitoring program, using YieldProphet™ or similar
- Continuous NO₂ monitoring by Australian Standard compliant method
- Community complaints about nuisance dust recorded in a community complaints and contacts register
- Continuous meteorological monitoring (wind speed and direction, temperature, humidity, atmospheric pressure, solar radiation, rainfall and evaporation)
- Continuous monitoring of noise levels by noise monitoring station and audio link

Where will measurements be taken?

- Four PM₁₀ dust and noise monitoring locations to be representative of sensitive receptor locations, nominally situated North, East, and South of the ML and at Warrambo, subject to site availability
- One PM_{2.5} monitoring location located alongside a PM₁₀ monitor at Warrambo (subject to site availability) for correlation purposes. PM₁₀ measurements will be used as an indicator for PM_{2.5} at other sites
- One NO₂ monitoring location located adjacent to the mine pit
- Eight dust deposition locations, nominally situated North, East, South of lease, one at Warrambo, two background / long term monitoring sites and one transect extending North or West from the ML
- All locations are subject to site availability

How often will measurements be taken and reported on?

- Continuous Particulate (dust) monitoring
- Continuous NO₂ (blast events) monitoring
- Continuous monitoring of noise levels
- Reporting of data in real time to the public on an unrestricted internet site

What's the early warning system?

- Annual dust deposition on adjoining properties does not exceed 4 g/m²/month and no more than 2 g/m²/month above background
- Air quality monitoring plan including a Trigger Response and
- Action Plan (TARP) will be implemented



Example of Air Quality Monitor



Example of Noise Monitor

