

## Meridan Plains Extractive Resource Area

This sheet has been prepared in order to advise of the current state of events relating to the Meridan Plains Extractive Resource Area. Refer Figure 1.

Caloundra City Plan was amended in January 2011 to ensure there are provisions in place to guide the appropriate development of the Meridan Plains Extractive Resource Area (ERA). The resource area is estimated to be 1095 hectares in size (which is made up of approximately 714 hectares of potential extraction area and 381 hectares of proposed separation/buffer area). The resource is estimated to consist anywhere between 60 - 100 million tonnes of sand to be utilised for construction material. A series of lakes and residual land will remain after sand extraction is completed which is likely to be many decades from today.

### Approval of Hanson Application

A development application (MCU11/0072) over Lot 4 RP 210048 (refer Figure 1) was lodged on 6 April 2011 by Hanson Construction Materials Pty Ltd. To date this is the only development application that has been lodged over the Meridan Plains ERA land.

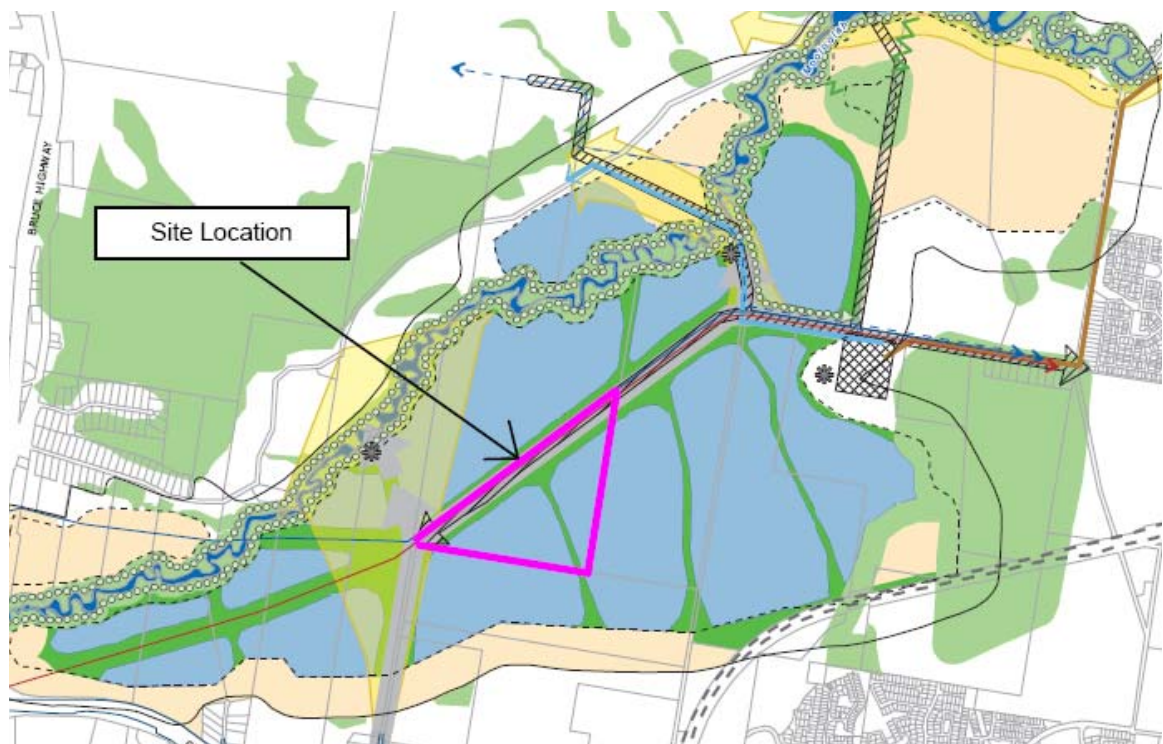
Development approval was subsequently issued by Council on 10 October 2012 for:

- Development Permit for Material Change of Use of Premises (Extractive Industry Operation); and
- Development Permit for Material Change of Use of Premises for an Environmentally Relevant Activity (ERA No 8 Chemical Storage, Threshold 3(a), and ERA No 16 Extractive and Screening Activities Thresholds 2(c) & 3(b).

A **few facts** relating to the land subject to the sand extraction approval over Lot 4 RP210048 (Figure 1):

- Centrally located within the Meridan Plains ERA in a rural precinct on 36.73 ha.
- Owned by Hanson Construction Materials Pty Ltd (applicant)
- Access to the site is from Sattler Road to the south (from Caloundra Road).
- End use – 2 lakes or 1 lake and a wetland (over approximately 23 ha of the site).

Figure 1  
(2011)



## Infrastructure Agreement

An infrastructure agreement has been entered into between Council and Hanson to support the development approval.

Key issues addressed by the infrastructure agreement are:-

- Sand extraction to be completed at this site in 40 years unless Council agrees to extend the currency period;
- Rehabilitation of lakes at completion and surrendered to Council;
- Council to receive funds from Hanson Construction Materials to cover costs of long term management of lakes;
- Regular independent reviews occur of extractive operations of the site.

## Transportation/Infrastructure Corridor and Haulage Route

The principle haul route is Honey Farm Road to Caloundra Road. Honey Farm Road is to be constructed to a 8m wide formation with 8m seal from the site access south to the Caloundra Road interchange prior to sand extraction commencing.

Truck movements to and from the site are limited to between 6am and 6pm Monday to Friday and 8am and 3pm Saturdays, with no truck movements to and from the site on Sundays or public holidays.

There is a proposed connection from Honey Farm Road through to the future Palmview residential development. This will not be constructed for some time.

## On site operations

The extraction activities are regulated by State Government. Noise in particular is dealt with in their conditions of approval with strict noise limits set and a complaint process being required. No blasting is to occur on the site.

Furthermore, the nearest residential area is approximately 1km from the proposed extraction activities. The applicant supplied a noise impact report which demonstrates that the sand extraction plant can operate during the proposed hours of operation within the relevant noise criteria and an Environmental Management Plan will be employed to ensure that appropriate measures are taken to manage

activities that generate noise during the proposed hours of operation.

Hours of operation shall be limited to:

6am and 10pm Monday to Friday

6am and 6pm Saturdays

7am and 4pm Sundays

## Estimated time of commencement of site operations for Lot 4 RP210048

Hanson Construction Materials Pty Ltd anticipates extraction activity will commence on site between late 2013 and mid 2014 once a number of further operational works approvals have been obtained for:

- detailed design & preparation for road construction
- tendering works for road construction (and other works such as the site preparation)
- road construction, site preparation, plant construction and other works to comply with conditions of approval.

Timing may also be dependent upon external factors, such as weather.

## Studies Completed for the entire Meridan Plains ERA

The Meridan Plains ERA requires ongoing environmental research and monitoring to progress final lake designs and future management. The studies address:

- Groundwater and Water Quality
- Flooding
- Acidic Soils
- Economic and Financial factors
- Climate Change impacts
- Social Aspects

A program for groundwater monitoring is being developed.

## Further information

Please contact Council on 5475 7272 if you require further information relating to the development of Meridan Plains Extractive Resource Area.

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