Appendix 12

Site Condition Checklist

	HAERSES ROAD QUARRY **DIXON SAND, MAROOTA** **MONTHLY SITE CONDITION CHECKLIST** This checklist is to be completed monthly by the Environmental Officer. Completed checklists are to be retained and included in the Annual Review.			
Date of inspection:				
Inspection by:				
Measured monthly rainfall (mm)				
	Yes (✓) No (X) NA	**Comments**	**Actions**	**Actions Complete (Date/Sign)**
SEDIMENT CONTROLS				
Site checked for potential erosion issues or transport of sediment from batters, vehicle access points, excavations, haul roads, vegetation clearing etc.				
Effectiveness and capacity of Erosion and Sediment controls checked (drains, basins, filters etc.)				
Stockpiles located and maintained correctly				
Tree clearance restricted to required area				
WATER QUALITY AND QUANTITY				
Monthly water quality samples collected from monitoring bores. Samples tested for pH and electrical conductivity				
Monthly surface water monitoring of the in-pit sump				
6 monthly monitoring of groundwater quality at 13 bores				
Monthly depth measurement of all groundwater bores and comparison with rainfall				
Monthly inspection of drainage & sediment controls including water storages, pumps, pipes and dams' walls				
Any Fuel or oil spills reported and maintained				
Fuels/chemicals stored in bunded areas				
AIR QUALITY				
Monitoring station (TEOM) and continuous automatic meteorological station are maintained and operating in the vicinity of the Maroota Public School				
On site dust suppression				

Loads covered entering and leaving site				
Drop height of material minimised during truck loading and unloading				
Active extraction areas minimised within the project area through progressive clearing and rehabilitation				
Cessation or restriction of dust generating activities during period of high winds				
NOISE				
Compliance with approved hours of operation				
No complaints received from surrounding residences				
Annual attended and unattended monitoring				
Either one of a dozer or front end loader (not both) operating in Cell 4 and Cell 5 during early extraction, clearing or construction of bund walls, to minimise noise				
The use of noisy equipment scheduled at the least sensitive time of day				
Plant switched off when not in use				
In the wet processing plant area, stockpiles are located along to western boundary of the area to shield loading and unloading activities				
Additional noise monitoring at the potentially most affected locations near the south-western end of the site, such as Location R6 and R8, when extraction operations are being conducted in the additional extraction area				
FLORA & FAUNA/ REHABILITATION				
Sightings of threatened species reported				
No disturbance of buffer/conservation areas				
All buffer/conservation area fencing/marking intact				
Rehabilitation undertaken to schedule				
Success of rehabilitation of buffers, conservation areas & rehabilitation areas				
Flora and fauna monitoring program undertaken to schedule				
ARCHAEOLOGY				
Stop work if sites located – notify Environment & Heritage Group (DCCEEW)				

WASTE AND SITE CONDITION				
Any evidence of hydrocarbon residue/spill/stain surrounding mobile plant, portable equipment and refuelling area				
No rubbish visible or buried on site				
Recyclables removed by licensed Contractors				
Putrescible waste covered and regularly removed				
ROADS AND TRANSPORT				
Monthly inspection of haul roads, site access road and Haerses Road/site access road intersection				
Weekly inspection of Haerses Road/site access road intersection and sand/clay removed as necessary				
Continuous recording of the amount of quarry products transported from the site and total truck movements				
Truck movements have not exceeded 56 per day, or 20 between 6:00 am and 7:00 am				
Weighbridge/log book records retained and recorded				
At the Channelised Right Hand turning lane located at the intersection of Wisemans Ferry Road and Haerses Road, for each month, undertake 1-hour duration monitoring during each of the peak periods below: • 6:00 – 7:00 am, • 8:00 – 9:00 am, and • 3:00 – 4:00 pm Identify (when applicable) when haulage truck queuing in the right-hand turn lane into Haerses Road is exceeding the design capacity:		6:00 – 7:00 am: 8:00 – 9:00 am: 3:00 – 4:00 pm:		
REPORTING				
Complaints register maintained				
Environmental incidents reported to EPA and DPHI				
Monitoring results and statements of compliance with Development Consent and EPL conditions provided in the Annual Review and annual submission of summary of pollution monitoring data				
Staff and Contractors undergo relevant environmental inductions. Sighting of training/induction records				
PIRMP / SPILL KIT				
Spill kits inspected and used items replaced				
A copy of PIRMP flowchart available in each Spill Kit				

Signed: ..... (Environmental Officer or Delegate)