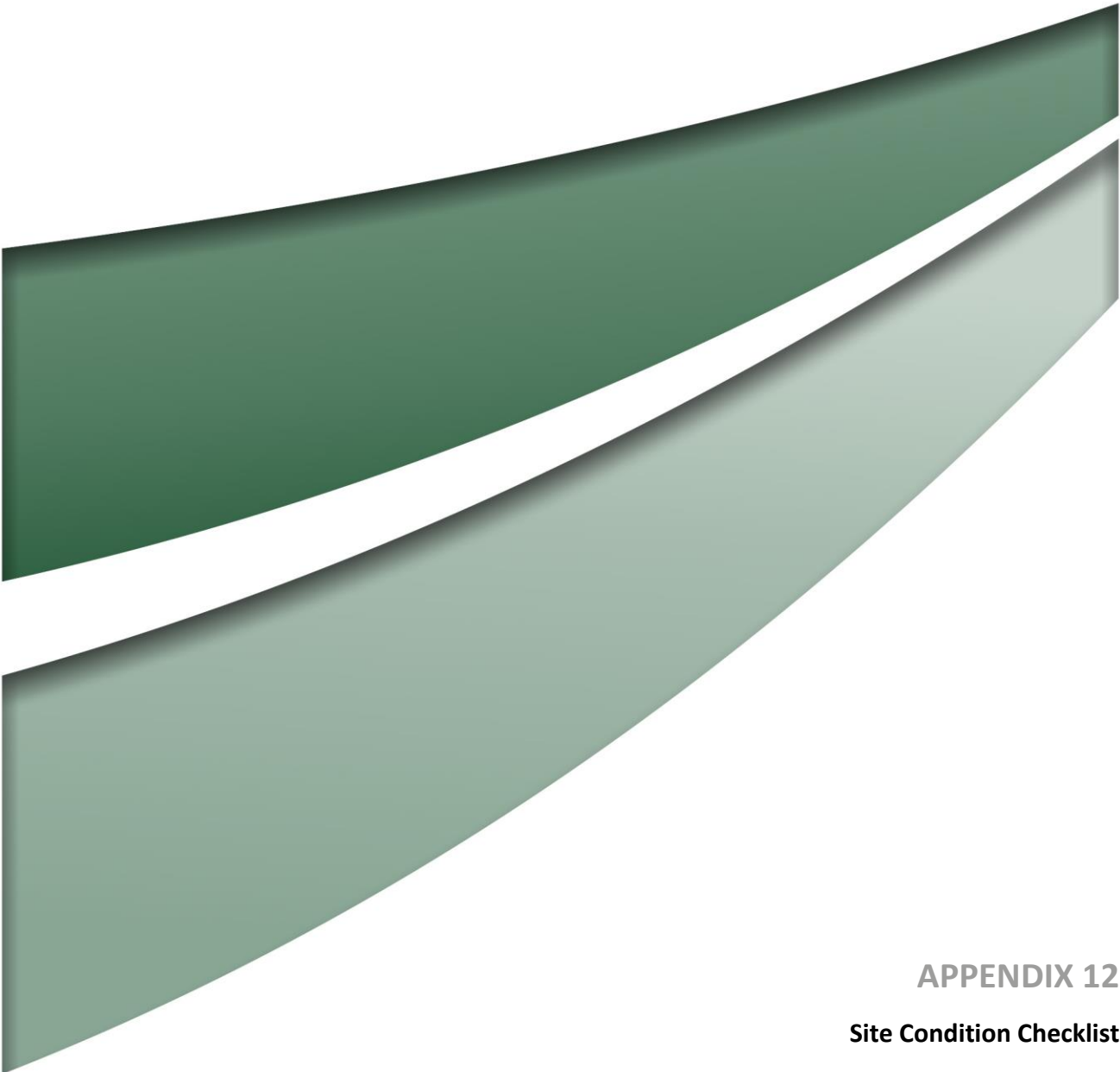




**APPENDIX 12**  
**Site Condition Checklist**



# OLD NORTHERN 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)                                                                                                                                              |                                              |                 |                |                                     |
|                                                                                                                                                                             | <b>Yes (✓)</b><br><b>No (X)</b><br><b>NA</b> | <b>Comments</b> | <b>Actions</b> | <b>Actions Complete (Date/Sign)</b> |
| <b>SEDIMENT CONTROLS</b>                                                                                                                                                    |                                              |                 |                |                                     |
| 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                                                                                                                                  |                                              |                 |                |                                     |
| <b>WATER QUALITY AND QUANTITY</b>                                                                                                                                           |                                              |                 |                |                                     |
| Water sample taken daily for quality testing prior to discharge of water. Water quality tested and EPL#3916 criteria for pH, TSS and turbidity complied prior to discharge. |                                              |                 |                |                                     |
| Weir: Daily volume of water discharged recorded.                                                                                                                            |                                              |                 |                |                                     |
| 4 monthly monitoring of surface water quality at SW19.                                                                                                                      |                                              |                 |                |                                     |
| 6 monthly monitoring of groundwater quality at six bores on Lots 1&2 and two bores on Lots 196.                                                                             |                                              |                 |                |                                     |
| 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                                                                                                                                      |                                              |                 |                |                                     |
| <b>AIR QUALITY</b>                                                                                                                                                          |                                              |                 |                |                                     |
| Continuous static dust (collected for analysis monthly)                                                                                                                     |                                              |                 |                |                                     |
| On site dust suppression                                                                                                                                                    |                                              |                 |                |                                     |
| Loads covered entering and leaving site                                                                                                                                     |                                              |                 |                |                                     |

|                                                                                                                                                           |  |  |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|
| No burning of vegetation                                                                                                                                  |  |  |  |  |
| Wind speed, direction and rainfall recorded                                                                                                               |  |  |  |  |
| <b>NOISE</b>                                                                                                                                              |  |  |  |  |
| Operation only during hours of operation                                                                                                                  |  |  |  |  |
| No complaints received from school, residences or local community members.                                                                                |  |  |  |  |
| 6 monthly monitoring at Maroota PS                                                                                                                        |  |  |  |  |
| Bulldozer not being used concurrently with any other plant on strips 4, 5 and 6 of Lots 1 and 2 DP547255 at depths between EGL and 6 metres below EGL     |  |  |  |  |
| Bulldozer being used for clearing, topsoil stripping and bund construction on Lots 1 and 2 DP547255 only during calm wind conditions                      |  |  |  |  |
| Between 0-6 metres depth below EGL, dozer-dump truck combination replaced by excavator-dump truck combination to strip overburden on Strips 2-6 inclusive |  |  |  |  |
| Quarrying at ground level on Lot 196 not occurring during southwest to northwest winds                                                                    |  |  |  |  |
| Construction and rehabilitation of eastern highwall of quarry within 250 metres of Maroota Public School occurring in school holiday periods only         |  |  |  |  |
| <b>FLORA &amp; FAUNA/ REHABILITATION</b>                                                                                                                  |  |  |  |  |
| Sightings of threatened species reported                                                                                                                  |  |  |  |  |
| No disturbance of buffer/conservation areas                                                                                                               |  |  |  |  |
| All buffer/conservation area fencing/markings intact                                                                                                      |  |  |  |  |
| Rehabilitation undertaken to schedule                                                                                                                     |  |  |  |  |
| Success of rehabilitation of buffers, conservation areas & rehabilitation areas                                                                           |  |  |  |  |
| Rehabilitation near school during holidays                                                                                                                |  |  |  |  |
| Flora and fauna monitoring program undertaken to schedule                                                                                                 |  |  |  |  |
| <b>ARCHAEOLOGY</b>                                                                                                                                        |  |  |  |  |
| Stop work if sites located – notified Environment & Heritage Group (DCCEEW)                                                                               |  |  |  |  |
| <b>WASTE AND SITE CONDITION</b>                                                                                                                           |  |  |  |  |
| 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                                                |  |  |  |  |
| <b>EXTRACTION PROGRAM</b>                                                                      |  |  |  |  |
| Extraction depths from monthly checked control points in accordance with extraction program.   |  |  |  |  |
| <b>ROADS AND TRANSPORT</b>                                                                     |  |  |  |  |
| Weekly inspection of Old Northern Rd/Crown Rd intersection and sand/clay removed as necessary. |  |  |  |  |
| Crown Road, Old Northern Road near site, intersection & haul roads in good state of repair.    |  |  |  |  |
| Truck movements have not exceeded 180/day, or 40 between 6-7am.                                |  |  |  |  |
| Weighbridge/log book records forwarded to Council monthly                                      |  |  |  |  |
| <b>REPORTING</b>                                                                               |  |  |  |  |
| Complaints register maintained                                                                 |  |  |  |  |
| Environmental incidents reported to EPA and DPHI                                               |  |  |  |  |
| <b>PIRMP / SPILL KIT</b>                                                                       |  |  |  |  |
| Spill kits inspected and used items replaced                                                   |  |  |  |  |
| A copy of PIRMP flowchart available in each Spill Kit                                          |  |  |  |  |

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