

Annexure 7

Compliance Schedule for Relevant Development Consent Conditions for Calga Sand Quarry Activities during 2012

(Total No. of pages including blank pages = 8)



This page has intentionally been left blank



Table A7-1
Internal Compliance Audit of Relevant Development Consent Conditions
for Calga Sand Quarry Activities during 2012

Page 1 of 8

Condition No.	Requirement	Compliance	Comment	Basis*
SCHEDULE 2: GENERAL ADMINISTRATION CONDITIONS				
Obligation to Minimise Harm to the Environment				
2/1	Implement all practicable measures to prevent and/or minimise any harm to the environment.	Y	Ongoing Monitoring.	D
Terms of Approval				
2/2	Carry out the development in accordance with			
	a) DA 94-4-2004;	Y	Monitoring and Reporting.	D
	b) EIS, dated 2004;	Y	Monitoring and Reporting.	D
	c) Amendment Report dated June 2005; and	Y	Monitoring.	D
	d) Conditions of this development consent.	Y	Management Plans.	D
2/3	The most recent document shall prevail to the extent of the inconsistency.	Y	Amendment to proposal as Development DA 94-4-2004.	D
2/4	Comply with any reasonable requirement/s of the Director-General.	Y	Operating to Consent Conditions.	D
Limits on Approval				
2/5	Consent shall lapse on 1 July 2030.	NYA	Not Due.	
2/6	Consent is granted for Stage 3 only.	Y	Operations only in Stage 3.	O
2/7	Not transport more than 400 000 tonnes of product per year.	Y	Sales records confirm 238 947 tonnes transported from site in 2012.	D
Structural Adequacy				
2/8	Any new buildings and structures are constructed in accordance with BCA.	NA	No new Buildings or Structures in 2012.	O
Demolition				
2/9	Ensure that all demolition work is carried out in accordance with AS 2601-2001.	Y	No demolition undertaken in 2012.	D
Protection of Public Infrastructure				
2/10a	Pay costs to repair to relocate any public infrastructure.	NA	No infrastructure required to relocate.	O
Operation of Plant and Equipment				
2/11	Ensure that all plant and equipment is:			
	a) Maintained in a proper and efficient condition; and	Y	Plant maintained by original equipment manufacturer	D
	b) Operated in a proper and efficient manner.	Y	Operators appropriately trained with procedures for environment and safety.	O
NYA = Not Yet Applicable NA = Not Applicable ND = Not Determined D = Documentation Retained A = Advised by Rocla Employee O = Observation during audit Yes = Complied with during 2010-2011 No = Not complied with during 2010-2011 * = Basis for assessment of compliance Yes# No#- Complied / not complied with – compliance no longer required to be assessed ® Compliance unable to be determined until a response is provided by the Director-General or relevant agency				



Table A7-1 (Cont'd)
Internal Compliance Audit of Relevant Development Consent Conditions
for Calga Sand Quarry Activities during 2012

Page 2 of 8

Condition No.	Requirement	Compliance	Comment	Basis*
SCHEDULE 3: SPECIFIC ENVIRONMENTAL CONDITIONS				
Identification of Boundaries				
3/1	Survey and submit plans to the Director-General before development.	Y	Completed 28/1/04 Signed Plan retained at Guildford.	D
NOISE				
Impact Assessment Criteria				
3/2	Ensure noise does not exceed criteria nominated in Table 1.	N	Three exceedances for noise attended monitoring.	D
Land Acquisition				
3/3	Noise generated should not exceed 5dB(A) with land acquisition to be undertaken if requested, if non-compliant.	Y	Minor exceedance during attended monitoring. No land acquisition requested.	D
Noise Mitigation				
3/4	Acoustic barriers to be constructed before extraction.	Y	Completed and accepted by Director-General via letter dated 13/01/06. Ongoing rehabilitation work.	D
Operating Hours				
3/5	Ensure operating hours do not exceed allowances.	Y	Conditions adhered to.	D
3/6	Notify DEC if certain circumstances warrant activities to be undertaken outside scheduled hours.	Y	No work outside scheduled hours in 2012.	O
Monitoring Program				
3/7	Implement a noise monitoring program prior to any development being undertaken.	Y	Program operating as Noise Management Program as approved by Director-General on 13 March 2006 (See Annexure 2).	D
AIR QUALITY				
Impact Assessment Criteria				
3/8	Ensure generated dust does not cause any exceedances of the tabulated criteria at any residence or on 25% of privately owned land.	Y	Dust monitoring program complied with Carbon Based Environmental Pty Ltd. Results confirm deposited dust levels are below nominated criteria.	D
Air Quality Monitoring Program				
3/9	Implement an air quality monitoring program prior to any development being undertaken.	Y	Program implemented and accepted on 13 March 2006 by Director-General prior to commencement.	D
SURFACE AND GROUNDWATER				
Groundwater Impact Assessment Criteria				
3/10	Compensate where >10% of surrounding privately owned groundwater bores are impacted upon.	NYA	Monitoring and comparisons have shown that the quarry operations have had no adverse effects on surrounding groundwater bores.	D
NYA = Not Yet Applicable NA = Not Applicable ND = Not Determined D = Documentation Retained A = Advised by Rocla Employee O = Observation during audit Yes = Complied with during 2010-2011 No = Not complied with during 2010-2011 * = Basis for assessment of compliance Yes# No#- Complied / not complied with – compliance no longer required to be assessed ® Compliance unable to be determined until a response is provided by the Director-General or relevant agency				

Table A7-1 (Cont'd)
Internal Compliance Audit of Relevant Development Consent Conditions
for Calga Sand Quarry Activities during 2012

Page 3 of 8

Condition No.	Requirement	Compliance	Comment	Basis*
SCHEDULE 3: SPECIFIC ENVIRONMENTAL CONDITIONS (CONT'D)				
SURFACE AND GROUNDWATER (Cont'd)				
Monitoring and Management				
3/11	Prepare and implement a Water Management Plan prior to any development incorporating nominated components. Inclusions in monitoring and Management.	Y	Program accepted by Director-General on 13 March 2006 (See Annexure 2). Implemented and operated	D
Erosion and Sediment Control Plan				
3/13	Inclusions in Erosion and Sediment Control Plan.	Y	Sediment controls in place with sediment dams prior to main dams	O
Surface Water Monitoring Plan				
3/14	Inclusions in Surface Water Monitoring Program.	Y	Surface water program implemented and sampled monthly, Carbon Based Reports	D
Groundwater Monitoring Plan				
3/15	Inclusions in Groundwater Monitoring Plan.	Y	Ground water program implemented and sampled monthly,	D
Groundwater Contingency Strategy				
3/16	Prepare a Groundwater Contingency Strategy within 6 months of the consent date.	Y	Ground water strategy prepared. Not yet acted on, not required as no adverse groundwater effects reported to date.	D
Annual Independent Groundwater Audit				
3/17	Undertake an independent groundwater audit by a suitably qualified and Director-General approved hydrogeologist.	Y	Audit as per consent by Director-General approved Hydrogeologist (See Annexure 3)	D
Reporting				
3/18	a) Annually review and update (if necessary) the water management plan	N	Review undertaken in 2012, no updates required. Results of review undertaken by Dundon Consulting reported in October 2012.	D
	b) Report the results of the review in the AEMR	N	Following correspondence received from the Department of Planning and Infrastructure, a review was undertaken by Dundon Consulting. The results of this review are included in Annexure 3 .	D
Quarry Closure Groundwater Management Plan				
3/19	Commission an independent hydrogeologist to assess the long term impacts of the final void on groundwater resources – prior to extraction in Stage 3/6.	N	Surface extraction commenced in Stage 3/6 in 2011. No extraction of Stage 3/6 undertaken in 2012. A hydrogeologist was required to assess long term impacts prior to recommencement in Stage 3/6 or 5 years prior to extracting from that stage.	A
METEOROLOGICAL MONITORING				
3/20	a) Prior to commencement weather station is to be installed and maintained within the Project Site.	Y	Weather station approved by Director-General and reported on monthly.	D
NYA = Not Yet Applicable NA = Not Applicable ND = Not Determined D = Documentation Retained A = Advised by Rocla Employee O = Observation during audit Yes = Complied with during 2010-2011 No = Not complied with during 2010-2011 * = Basis for assessment of compliance Yes# No#- Complied / not complied with – compliance no longer required to be assessed ® Compliance unable to be determined until a response is provided by the Director-General or relevant agency				



Table A7-1 (Cont'd)
Internal Compliance Audit of Relevant Development Consent Conditions
for Calga Sand Quarry Activities during 2012

Page 4 of 8

Condition No.	Requirement	Compliance	Comment	Basis*
SCHEDULE 3: SPECIFIC ENVIRONMENTAL CONDITIONS (CONT'D)				
SURFACE AND GROUNDWATER (Cont'd)				
Rehabilitation and Landscaping				
3/21	Progressively rehabilitate the site in general consistency with the concept final landform.	Y	Rehabilitation restricted to bund and silt pond recovery capping areas not available for final landform in 2012.	O
Rehabilitation and Landscape Management Plan				
3/22	Prepare within 6 months of development consent a Landscape Development Plan with nominated conclusions.	Y	Landscape and Rehabilitation plan approved by Director-General.	D
3/23	Provide the plan to the Director-General after the initial 4 years and every 5 years thereafter.	Y	Plan approved by Director-General plan due for review in 2012.	D
Rehabilitation Bond				
3/24	Within 12 months of consent lodge a rehabilitation bond is with the Director-General.	Y	Bond lodged and Reviewed in 2011. Records at Guildford.	D
3/25	Review and revise rehabilitation bond after the initial 4 years (2009) and every 5 years thereafter after 2014, 2019).	Y	Revised in 2011 – Currently \$533,128.	D
Traffic and Transport				
Site Access				
3/26	Seal the internal access road from the site entrance to Stage 3 and the Administration Area.	Y	Approved by Director-General prior to commencement.	D
3/27	Painted seagull arrangements to be implemented on Peats Ridge Road prior to any development being undertaken.	Y	Approved by Director-General prior to Commencement in a letter dated 13/01/06.	D
3/28	Ensure the long term access road is designed to accommodate:			
	a) Heavy vehicle turning paths for left hand turns from Peats Ridge Road.	Y	Contractor certified RTA approved Contractor.	O
	b) Vehicular access to the pit floor.	Y	Department of Industry and Investment reviewed traffic management plans.	D
Parking				
3/29	Sufficient parking to be provided on site for all quarry related traffic.	Y	Car park constructed as per Council Code.	O
NYA = Not Yet Applicable NA = Not Applicable ND = Not Determined D = Documentation Retained A = Advised by Rocla Employee O = Observation during audit Yes = Complied with during 2010-2011 No = Not complied with during 2010-2011 * = Basis for assessment of compliance Yes# No#- Complied / not complied with – compliance no longer required to be assessed © Compliance unable to be determined until a response is provided by the Director-General or relevant agency				

Table A7-1 (Cont'd)
Internal Compliance Audit of Relevant Development Consent Conditions
for Calga Sand Quarry Activities during 2011

Page 5 of 8

Condition No.	Requirement	Compliance	Comment	Basis*
SCHEDULE 3: SPECIFIC ENVIRONMENTAL CONDITIONS (CONT'D)				
Traffic and Transport (Cont'd)				
Road Haulage				
3/30	Ensure all loaded vehicles are covered.	Y	Site entry conditions.	A
3/31	Ensure all loaded vehicles are cleaned of materials before leaving site.	Y	Site entry conditions Inductions and observations.	A
Visual Impact				
3/32	a) Implement measures to minimise visual impacts.	Y	Bunding and rehabilitation Colour bond fence.	O
	b) Establish, maintain acoustic barriers.	Y	Bunding and Colour bond Fence.	D
	c) Provide progress reports in the AEMR.	Y	AEMR produced from consultant reports.	D
3/33	Limit offsite lighting impacts.	Y	No lighting off site.	O
3/34	Comply with the AS4282 – Control of Obtrusive Effects of Outdoor Lighting.	Y	No lighting off site.	O
Waste Management				
3/35	Requirements in Waste Management.	Y	Documentation for waste removal.	D
Hazard Management				
3/36	Ensure the storage, handling and transport of dangerous goods in accordance with the relevant Australian Standards.	Y	Storage of diesel and oils in approved bunds.	D
Safety				
3/37	Secure the development to ensure public safety.	Y	Fences and gates in place.	O
Bushfire Management				
3/38	a) Ensure the development is adequately equipped to respond to fires.	Y	Registered Water truck and loaders water dam and diesel pumps for emergency.	O
	b) Assist the RFS as much as possible if a fire is on site.	NYA	Not required.	A
Production Data				
3/39	Provide data to the DPI and include a copy of the data in each AEMR.	Y	Data sent to I&I annually records at Guildford.	D
Quarry Exit Strategy				
3/40	Inclusions for Quarry Exit Strategy:	NYA	Exit strategy not applicable.	A
NYA = Not Yet Applicable NA = Not Applicable ND = Not Determined D = Documentation Retained A = Advised by Rocla Employee O = Observation during audit Yes = Complied with during 2010-2011 No = Not complied with during 2010-2011 * = Basis for assessment of compliance Yes# No#- Complied / not complied with – compliance no longer required to be assessed ® Compliance unable to be determined until a response is provided by the Director-General or relevant agency				

Table A7-1 (Cont'd)
Internal Compliance Audit of Relevant Development Consent Conditions
for Calga Sand Quarry Activities during 2012

Page 6 of 8

Condition No.	Requirement	Compliance	Comment	Basis*
SCHEDULE 4: ADDITIONAL PROCEDURES				
Notification of Landowners				
4/1	Provide quarterly monitoring results to affected landowners and/or existing or future tenants if the results of monitoring required in Schedule 3 identify that impacts generated by the development are greater than impact assessment criteria. also notify the Director-General.	Y	Results on website and discussions with some neighbours. No impacts on neighbouring land owners greater than the assessment criteria.	A
Independent Review				
4/2	Commission an independent review of the quarry's impacts, if a warranted request is raised by a landowner who considers that the operations of the quarry are exceeding the impact assessment criteria in Schedule 3.	NYA	No sustained impacts exceeding the assessment criteria. No land owner requests.	A
4/3	If quarrying operations are complying with the relevant criteria in Schedule 3 then the independent review may discontinue with the approval of the Director-General.	NYA	Review not required. Ongoing compliance with consent.	A
4/4	Adopt procedures nominated for Independent Review.	NYA	Ongoing compliance.	O
4/5	If any landowner disputes the results of the independent review may be referred to the Director-General. If not resolved within 21 days, the Director-General shall refer the matter to an Independent Dispute Resolution Process.	NYA	Not required.	O
4/6	If any disputes arise from the implementation of the Groundwater Contingency Strategy (condition 16 of schedule 3), either party may refer the matter to the Director-General.	NA	Offers made to two neighbours to monitor groundwater – not accepted.	A
4/7	If, following an Independent Dispute Resolution Process, the Director-General is satisfied that the quarry is causing an exceedance of the groundwater impact assessment criteria, and that compensatory water supply would not provide an acceptable alternative long-term supply of water to the affected landowner that is equivalent to the loss attributed to quarrying related impacts, then the Director-General may grant land acquisition rights to the affected landowner.	NYA	No disputes or exceedances of the assessment criteria.	D
NYA = Not Yet Applicable NA = Not Applicable ND = Not Determined D = Documentation Retained A = Advised by Rocla Employee O = Observation during audit Yes = Complied with during 2010-2011 No = Not complied with during 2010-2011 * = Basis for assessment of compliance Yes# No#- Complied / not complied with – compliance no longer required to be assessed @ Compliance unable to be determined until a response is provided by the Director-General or relevant agency				

Table A7-1 (Cont'd)
Internal Compliance Audit of Relevant Development Consent Conditions
for Calga Sand Quarry Activities during 2012

Page 7 of 8

Condition No.	Requirement	Compliance	Comment	Basis*
SCHEDULE 4: ADDITIONAL PROCEDURES (CONT'D)				
Land Acquisition				
4/8	Provide offer to purchase to landowner with acquisition rights.	NYA	Not required 2012.	O
4/9	Cover costs for the valuation or survey assessment requested by the independent valuer, panel, or the Director-General.	NYA	Not required 2012.	O
4/10	Cover all reasonable costs associated with obtaining Council approval for any plan of subdivision, and registration of the plan at the Office of the Registrar-General.	NYA	Not required in 2012.	O
SCHEDULE 5: ENVIRONMENTAL MANAGEMENT, MONITORING, AUDITING AND REPORTING				
Environmental Management Strategy				
5/1	Within 3 months of the date of the consent prepare an Environmental Management Strategy to the satisfaction of the Director-General.	Y	Approved by Director-General on 13 March 2006 (See Annexure 8).	D
5/2	Within 3 months of the date of the consent prepare an Environmental Monitoring Program to the satisfaction of the Director-General.	Y	Approved by Director-General on 13 March 2006 (See Annexure 8).	D
5/3	Within 3 months of each of the completion of the Independent Environmental Audit and to review and update the Environmental Monitoring Program to the satisfaction of the Director-General.	Y	All actions from 2010 Independent Environmental Audit completed in 2012.	A
5/4	Prepare and submit to the Director-General and the relevant agencies and nominated for the Annual Reporting.	Y	Annual reports forwarded to nominated agencies by R.W. Corkery and Co. Pty Limited.	A
Independent Environmental Audit				
5/5	Commission and Independent Environmental Audit within 3 years of the date of this consent and every 5 years thereafter (2013, 2018).	Y	Three year Audit completed next Audit due 2013.	D
5/6	A copy of the audit report must be submitted to the Director-General, Within 3 months of commissioning with a response to the report recommendations.	Y	Director-General reviewed Audit report at site when completed.	A
NYA = Not Yet Applicable NA = Not Applicable ND = Not Determined D = Documentation Retained A = Advised by Rocla Employee O = Observation during audit Yes = Complied with during 2010-2011 No = Not complied with during 2010-2011 * = Basis for assessment of compliance Yes# No#- Complied / not complied with – compliance no longer required to be assessed ® Compliance unable to be determined until a response is provided by the Director-General or relevant agency				



Table A7-1 (Cont'd)
Internal Compliance Audit of Relevant Development Consent Conditions
for Calga Sand Quarry Activities during 2012

Page 8 of 8

Condition No.	Requirement	Compliance	Comment	Basis*
SCHEDULE 5: ENVIRONMENTAL MANAGEMENT, MONITORING, AUDITING AND REPORTING (CONT'D)				
Community Consultative Committee				
5/8	Within 6 months of the date of this consent establish a Community Consultative Committee place to oversee the environmental performance of the development.	Y	Committee established after advertising and door knock to get members letters sent to Gosford City Council and Director-General.	A
5/9	Adopt procedures nominated for the Community Consultative Committee.	Y	Committee recommendations adopted.	A
ACCESS TO INFORMATION				
5/10	Place publically available any management plan/strategy or monitoring program or environmental audits within 1 month of the approval of any.	Y	Management plans and strategies on web sites and hand delivered to neighbours.	A
5/11	Update the summary of all results updated every 3 months and make publicly available.	Y	Web site updated and results kept on site.	D
NYA = Not Yet Applicable NA = Not Applicable ND = Not Determined D = Documentation Retained A = Advised by Rocla Employee O = Observation during audit Yes = Complied with during 2010-2011 No = Not complied with during 2010-2011 * = Basis for assessment of compliance Yes# No#- Complied / not complied with – compliance no longer required to be assessed ® Compliance unable to be determined until a response is provided by the Director-General or relevant agency				

