Ref	Commitment
	Development
1.	Construct, operate, maintain and rehabilitate the Dalswinton Quarry generally in accordance with the Environmental Impact Statement (EIS)
2.	Develop and utilise: • An Environmental Management System • Internal 'Land Disturbance Procedure' during the construction of the Project • A Construction Environmental Management Plan (CEMP) • An Operations Environmental Management Plan (OEMP)
3.	Conduct monitoring as required by conditions of consent
4.	Quarrying activities will not occur within 200 m of the high bank of the Hunter River
	Statutory
5.	Seek relevant approvals and post-approvals in accordance with Section 7.0 of the EIS
	Stakeholder Engagement
6.	Conduct ongoing stakeholder engagement during the Project generally in accordance with Section
	Landscape and Visual
7.	A review of materials and colour finishes for selected components including the use of non-reflective finished to structures
8.	During construction, where reasonable and feasible: • Minimise tree removal and protect mature trees; • Avoid temporary light spill beyond the construction site where temporary lighting is required; and • Progressively rehabilitate disturbed areas.
9.	During operations, where reasonable and feasible: • Ongoing maintenance and repair of constructed elements; and • Replacement of damaged or missing constructed elements.
10.	Stockpile amounts and heights to limit the amount of material to be stored on-site.
11.	Additional landscaping to be maintained along the western boundary and levee bank.
	Noise
12.	Re-orientation of stockpiles to the south of the site to serve as an acoustic buffer to the nearest receivers along Bureen Road.
13.	Limiting the use of water carts along the south-east corner of the site.
14.	Mobile crushing within the extraction areas will not be commenced until the pit has been constructed and the plant is operable below the natural ground levels.
15.	Regular maintenance of the internal Haul Roads.
16.	Adherence to speed limit along the external and internal Haul Roads, being 60km per hour and 30km per hour respectively.
17.	Limiting compression breaking.
18.	Inclusion of noise effects and quiet work practices within regular toolbox talks.

19.	Plant and equipment regularly maintained.
20.	Truck loading and heavy vehicle movements to and from the site may take place prior to 7:00 am, but the operation of the quarry and crushing plant, (or any other works outside of the pit) should take place between the hours of 7:00 am and 6:00 pm.
21.	Efforts should be made to take advantage of localised barrier effects associated with material stockpiles and heavy vehicles during truck loading.
	Traffic
22.	A Traffic Management Plan will be developed which • Minimises the traffic safety impacts and disruptions • Includes a drivers Code of Conduct • Includes access protocols to minimise disruption to the local community These commitments could be included in the CEMP and OEMP
	Biodiversity
23.	To reduce impacts to native vegetation and habitat: • Delineate clearing limits • Implement controls to limit impacts due to vehicle strike
24.	Water storage dam vegetation is to be inspected immediately prior to removal or infill by a qualified ecologist to confirm the absence of, or relocate resident fauna.
25.	Staged relocation water storage dam artificial wetland southwards to the final (reduced) footprint.
26.	Prepare a VMP for areas shown in Figure 12(BDAR) to fence, control weeds, install canopy and otherwise manage vegetation.
27.	Construction Environmental Management Plan (CEMP) will include measures to avoid noise and light encroachment on adjacent habitats such as avoiding night works as much as possible.
28.	Implement appropriate storm water and erosion controls in CEMP during transitional periods where existing quarry infrastructure may not apply.
29.	Implement groundwater monitoring program
30.	Monitor water bird population for signs of extended stress in individuals or resistance to dispersal which would indicate a reliance on the habitat and lack of alternative habitat in the regional context
	Economics
31.	• Employ regional residents where practicable • Participate, as appropriate, in business group meetings, events or programs in the regional community • Purchase local non-labour inputs to production, preferentially where local producers can be cost and quality competitive, to support local industries
32.	Implement measure to reduce the risk of bushfire: • Appropriate storage and handling of hazardous materials in accordance with relevant Australian Standards • Bunding around areas where spills of hazardous materials may occur • Ensure the site is equipped with first response firefighting equipment

	• Regular training of relevant personnel in first response firefighting and evacuation procedures • Regular consultation with the local Bush Fire Brigade and provision of access to the facilities for advice and familiarisation purposes
	Relevant bushfire protection measures on bushfire prone land will be implemented where applicable including: • The provision of clear separation of buildings and bush fire hazards in the form of fuel reduced Asset Protection Zones; • Construction standards and design; • Appropriate access standards for residents, fire fighters, emergency service workers and those involved in evacuation; and • Suitable landscaping, to limit fire spreading to a building
	Air Quality
33.	Implement measures to reduce visible dust emissions during: • Construction: minimise active surface area, progressive rehabilitation, stockpile management, speed restrictions, manage activities in unfavourable weather conditions, undertake regular inspections, and minimise dust emissions from exposed areas by application of water and/or dust suppressants; and • Operation: application of water and dust suppressants, speed restrictions on unsealed roads, limiting maintenance in unfavourable weather and regular inspections.
34.	Dust suppression methods to be applied during operations to minimise any potential excessive air emissions.
35.	Implement an Air Quality Management Plan for the duration of the quarry operations.
	Water Resources
36.	Implement erosion and sediment controls
37.	Surface water management plan to include procedure for managing uncontrolled offsite discharges
38.	Water take under WAL 36474 will be calculated using the water balance approach defined in Section 6.2.2 of the Surface Water Management Plan. The Proponent will trade for additional Hunter Regulated River Alluvial water source shares should groundwater import demand exceed the WAL 36474 limit of 20ML/year
39.	Conduct groundwater quality sampling of both the monitoring bores and any groundwater present within the quarry pit, in order to detect any changes in groundwater quality during and post quarrying, on a quarterly basis. Sampling will include physiochemical indicators and major ions shown in Section 9 of the Groundwater Impact Assessment.
40.	Detailed design of infrastructure to consider minimising predicted flooding impacts. All structures will be able to withstand the forces of floodwater, loose materials that could float/disperse and cause damage to property, or loss of life or contamination will be stored above the PMF or within structures/areas protected by flood levees.

41.	Implement a Water Quantity and Quality Monitoring Program for the lifetime of the quarry operations.
42.	Installation of groundwater monitoring bores upstream and downstream for ongoing monitoring of groundwater levels.
43.	Conduct groundwater quality sampling of both the monitoring bores and any groundwater present within the quarry pit, in order to detect any changes in groundwater quality during and post quarrying, on a quarterly basis.
	Soil and Agriculture
44.	Impacts on surrounding agricultural activities will be minimised through: • Water will be sourced under relevant licences held; • Fencing to exclude any livestock from operational areas; and • Weed and feral animal controls undertaken in consultation with neighbours
45.	Excavated soil will be used reused as soon as practicable. If soils cannot be reused in a timely manner, it will be stockpiled and temporarily rehabilitated
46.	Controls to reduce potential biosecurity impacts will be implemented to minimise risk. These will be implemented in consultation with relevant regulators (where statutorily required)
47.	Disturbed areas that are not required for ongoing operations will be progressively rehabilitated
	Waste
48.	The principles of "reduce, reuse, recycle" will be applied wherever practicable to minimise waste generation and incorporated into the CEMP and OEMP.
	Social
49.	Continued consultation through: • Provision of regular community updates to residents on issues of interest • A complaints and response framework
50.	Rosebrook Sand & Gravel are to ensure that the western boundary easement is maintained and free of equipment that may impede access to the river by a neighbour.
51.	Ongoing consultation with the community, neighbours, Muswellbrook Council and other government agencies during the planning, development, construction, operation, and rehabilitation phases of the project.
	Aboriginal Archaeology
52.	A surface salvage of the three newly identified AHIMS sites (AHIMS# 37-2-6006, 37-2-6005 and 37-2-6004) is to be conducted under an approved Aboriginal Heritage Impact Permit (AHIP). A sub-surface archaeological investigation should also be undertaken to identify and salvage any potential sub-surface artefacts within the identified PAD. Rosebrook Sand & Gravel Pty Ltd (Dalswinton Quarry) must apply to the Department of Planning, Industry and Environment (DPIE) for an AHIP under s.90 of the National Parks and Wildlife Act 1974 (NPW Act) prior to any impacts occurring in the eastern end of the existing Dalswinton Quarry.

53.	All site workers and personnel involved in site impact works associated with the Project Area should be inducted and briefed on the possible identification of Aboriginal objects during construction and their responsibilities according to the provisions of National Parks and Wildlife Act 1974 and the Heritage Act 1977. Aboriginal cultural heritage inductions led by Wanaruah LALC is recommended.
54.	If suspected Aboriginal objects are identified during construction the following procedures must be followed (Appendix E): 1) Immediately cease all activity at the location. 2) Ensure no further harm occurs, secure the area. 3) Notify Environment Protection Authority's Enviro Line, Wanaruah LALC and an archaeologist. 4) No further action to be undertaken until DPIE provides written consent to HDB.
55.	All human remains in, on or under the land must not be harmed. If suspected human remains are located during any stage of the proposed works: 1) Immediately cease all activity at the site. 2) Ensure no further harm occurs, secure the area to avoid further harm to the remains. 3) Notify the NSW Police 000. 4) Notify the Environment Protection Authority's Enviro Line, Wanaruah LALC and an archaeologist.
56.	Consultation with registered Aboriginal stakeholders would continue throughout the life of the project. This would include circumstances where: a. There is an amendment to the Aboriginal Heritage Impact Permit, and b. An artefact is encountered and triggers the requirement of the 'Unexpected Finds Procedure'.
	Flooding
57.	Stockpiles are not placed in any floodway and all plant materials, especially fuel stores, are stored above the 1% AEP flood level.
58.	Quarry Operations Management Plan prepared to consider flood conditions and include a flood evacuation plan.
	Safety
59.	Rosebrook Sand and Gravel Pty. Ltd. continue to apply and update the required work safety methods and practices in place, which will be applied during all phases of the continuance of the operation on-site.
	Bushfire
60.	Rosebrook Sand and Gravel Pty Ltd to prepare and implement a Bushfire Emergency Management and Operations Plan.