

20 June 2013

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Stratford Coal Pty Ltd  
C/- Resource Strategies Pty Ltd  
PO Box 1842  
MILTON QLD 4064

**Attention: Mr Tony Dwyer**

Dear Tony

**Stratford Extension Project (SEP) - DP&I Request for Clarification  
EIS Appendix C Noise and Blasting Impact Assessment Table 27 and Table 28**

I refer to a phone call with Mr Jeff Parnell (NSW Department of Planning and Infrastructure) on Wednesday 22 May 2013, seeking clarification of an apparent discrepancy between the information presented in the Environment Impact Statement (EIS) Appendix C **Tables 27** and **28**.

Review of **Table 27** of Appendix C of the EIS indicates that one of the Avon North Open Cut CAT 785XQ haul trucks was counted as a CAT 789XQ haul truck. **Table 27** of Appendix C of the EIS should have shown the Avon North Open Cut haul truck fleet as **four** CAT 785XQ and **four** CAT 789XQ, not five CAT 789XQ as stated in the EIS.

There are no amendments to **Table 28** required as a result of the above. The change to **Table 27** will not result in any change to the predicted noise levels presented in the EIS.

For clarity, **Table 27** has been reproduced below showing the changes noted above and in addition provides a breakdown of the haul truck numbers in Avon North and Stratford East Open Cut for each modelling year (i.e. Years 2, 7 and 10).

**Table 27 Proposed Project Noise Mitigation Measures**

Mitigation	Roseville West Pit Extension	Avon North Open Cut	Stratford East Open Cut	CHPP and Infrastructure (including Rail Operations)
Noise Source Control - use of noise attenuated mobile fleet and fixed plant	4 x CAT 740 ADT Haul Trucks (ie uses smaller articulated dump trucks)	Year 2 - 4 x CAT 785XQ Haul Trucks Year 2 - 4 x CAT 789XQ Haul Trucks	Year 2 - 5 x CAT 785XQ Haul Trucks Year 2 - 5 x CAT 789XQ Haul Trucks  Years 7 & 10 - 8 x CAT 785XQ Haul Trucks Years 7 & 10 - 8 x CAT 789XQ Haul Trucks	Install low noise conveyors (idlers) and drives for rotary breaker circuit Reduce existing conveyor drives (CV01, CV04/05, CV22 and CV23) to SWL 95 dBA (or equivalent control) 1 x ROM FEL CAT 992 (or equivalent) with operating Leq SWL of 112 dBA

Mitigation	Roseville West Pit Extension	Avon North Open Cut	Stratford East Open Cut	CHPP and Infrastructure (including Rail Operations)
	2 x CAT D10XQ Dozer (limit to 3 <sup>rd</sup> gear operation in-pit) 2 x CAT D11XQ Dozer (limit to 3 <sup>rd</sup> gear operation in-pit) 2 x CAT D10XQ Dozer (limit to 2 <sup>nd</sup> gear operation on waste rock emplacement)	1 x CAT D10XQ Dozer (limit to 3 <sup>rd</sup> gear operation in-pit) 1 x CAT D10XQ Dozer (limit to 2 <sup>nd</sup> gear operation on waste rock emplacement)	1 x CAT D10XQ Dozer (limit to 3 <sup>rd</sup> gear operation in-pit) 1 x CAT D10XQ Dozer (limit to 1 <sup>st</sup> gear operation in Year 7 and limit to 2 <sup>nd</sup> gear operation in Year 2 and Year 10 when operating on Stratford Waste Emplacement)	1 x CAT D11XQ Dozer (limited to 1 <sup>st</sup> gear operation with SWL of 112 dBA)
	Installation of broadband noise emission "quacker" style reversing alarms on mobile equipment.			
Noise Propagation Path – installation of acoustic bunds	Approximately 2.6 kms of 6 m high noise bund walls as shown on Appendices C1 to C3 of SLR Report 610.09020-R1 Rev 1.	Approximately 2.9 kms of 6 m high noise bund walls as shown on <b>Appendices C1 to C3</b> of SLR Report 610.09020-R1 Rev 1.	Approximately 2.1 kms of 6 metre high noise bund walls and 2.2 kms of 10 m high noise bund walls on top of the Stratford Waste Emplacement (whilst in-use) as shown on Appendices C1 to C3 of SLR Report 610.09020-R1 Rev 1.	Approximately 3.8 kms of 6 m high noise bund walls enclosing the rail loop as shown in Appendices C1 to C3 of SLR Report 610.09020-R1 Rev 1.
Operational Controls - rescheduling of intrusive activities to less sensitive times of the day	Restricted to daytime operation only.	Waste fleet dumping to Northern Waste Emplacement Extension during the daytime only. Dumping to Stratford Main Pit area during evening/night.	Years 1-5: Mining operations would be conducted 24 hours per day, seven days per week, subject to compliance with noise limits (refer to Section 6.3 of SLR Report 610.09020-R1 Rev 1). Years 6-7: Waste fleet dumping to Stratford Main Pit area during daytime only. Dumping to Stratford Waste Emplacement area (behind the 10 m high noise bund walls) during the evening/night. Years 8-11: Waste fleet dumping in-pit to Stratford East Open Cut during day, evening and night.	N/A
Noise and Weather Monitoring	Implementation of realtime noise monitoring in Stratford and Craven. Implementation of continuous weather monitoring in the vicinity of the Project site.			

Note 1: Extra quiet - XQ.

Should you require any further information please contact me or Yang Liu at any time.

Yours sincerely



GLENN THOMAS  
Director