

Multiquip Quarries

ABN: 44 101 930 714



Ardmore Park Quarry via Bungonia, NSW

Response to Submissions

for

**PA 07_0155 MOD3
(Ardmore Park Quarry)**

Appendices



Prepared by:



R.W. CORKERY & CO. PTY. LIMITED

1 November 2018

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Appendices

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- Appendix 1 Matrix of Issues Raised in Public Submissions (10 pages)
- Appendix 2 Applicant's Heavy Vehicle PBS Authority Permit – issued by National Heavy Vehicle Regulator (24 pages)
- Appendix 3 Pavement Remaining Life Report Ardmore Park Quarry Product Delivery Route – prepared by Pavement Management Services (96 pages)
- Appendix 4 Engineering Assessment of the Culverts and Bridges on the Product Delivery Route – prepared by Bridge Designs Pty Ltd (80 pages)
- Appendix 5 Traffic Modelling of Intersections along the Product Delivery Route – prepared by Transport & Urban Planning Pty Ltd (22 pages)
- Appendix 6 Swept Path Analysis on the Product Delivery Route – prepared by Transport & Urban Planning Pty Ltd (12 pages)



- Appendix 7 Road Safety Audit Jerrara Road Upgrade – prepared by Rigore Engineering Services (36 pages)
- Appendix 8 Post Construction Phase Road Safety Audit of the Product Delivery Route – prepared by Transport & Urban Planning Pty Ltd (34 pages)
- Appendix 9 Assessment of the Decline in Flow Rate Phil’s Spring – “Inverary Park” – prepared by Larry Cook Consulting Pty Ltd (40 pages)
- Appendix 10 Aboriginal Cultural Heritage Field Inspection – prepared by OzArk Environment & Heritage Management Pty Ltd (30 pages)
- Appendix 11 Framework for Biodiversity Assessment Survey – prepared by Aquila Ecological Surveys (10 pages)
- Appendix 12 Noise Compliance Reports – prepared by Benbow Environmental (98 pages)
- Appendix 13 Notes on Noise Compliance Matters – prepared by Benbow Environmental Pty Ltd (102 pages)
- Appendix 14 Revised Noise Impact Assessment – prepared by VMS Australia Pty Ltd (94 pages)
- Appendix 15 Response regarding Groundwater Issues – prepared by Larry Cook Consulting Pty Ltd (18 pages)

Appendix 1

Ardmore Park Quarry – Modification 3

Matrix of Issues Raised in Public Submissions

(Total No. of pages including blank pages = 10)



MULTIQUIP QUARRIES

*Ardmore Park Quarry
Appendix 1*

RESPONSE TO SUBMISSIONS

*PA 07_0155 MOD3
Report No. 625/25*

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Matrix of Issues Raised in Public Submissions (Cont'd)

Submission			RA: Proposal introduced increases to road safety hazard	TI: Safety of the Tickner Valley Road - Jerrara Road Intersection	RR: Heavy vehicle restrictions on Jerrara Road	WB: Measurement of production volumes	TN: Noise, vibration and lighting	RS: Scheduling of truck movements	OT: Fear of Precedent	RW: Quality of Jerrara Road upgrade works	RI/RD: Capacity of roads for current and increased truck numbers / Potential for Accelerated Road Deterioration	BT: New bridge on Jerrara Road should be load tested and gross weight signs erected	GW: Reduced Availability of groundwater	WM: Self-monitoring of water extraction and re-use	RP: Responsibility to demonstrate impacts on groundwater	WQ: Absence of surface water quality assessment	QN: Quarry noise already audible / Noise Generated During Extended Hours of Operation	NC: Noise Levels Recorded Over Existing Noise Criteria	SR: Exclusion of surrounding residences in noise assessment	NL: Increased noise levels not identified	HI: Impacts of Vibration from Trucks on Historic Sites	
Submission #	Primary Area of Concern	Road Safety	Truck Size and	Increased Hours of Operation	Road Condition			Water Resources			Quarry Noise			Vibration								
1	244656	Rod Fabri (Bungonia)					x															
2	242729	Noel Derwent (Bungonia)					x															
3	245649	Neil Cooper (Bungonia)											x					x				
4	246100	John Wiggan (Bungonia)					x			x	x											
5	242467	Jacqueline Neill (Marulan)	x				x			x	x											
6	244988	Daryl Knight (Bungonia)	x				x						x					x				
7	245675	Cath Henshall (Bungonia)	x				x						x					x				
8	246175	Bungonia and District Historical Society Inc.																				x
9	244407	Brent Thomas (Bungonia)	x																			
10	246910	Anne Wiggan (Bungonia)					x				x		x					x				
11	245882	Name withheld (Bungonia)	x							x	x											
12	246280	Name withheld (Bungonia)											x					x				
13	245717	Name withheld (Bungonia)	x															x				
14	244814	Name withheld (Wilton)									x		x									
15	243663	Name withheld (Edensor Park)	x							x	x											
16	243998	Name withheld (Goulburn)	x				x			x	x											
17	240541	Michael Still (Windellama)	x							x	x											
18	244970	Ann Derwent (Bungonia)					x															
19	240543	Tracey Keenan (Windellama)	x							x	x											
20	248720	Ross Goddard (Marulan)				x						x										
21	247280	Ros and Ian Beveridge (Bungonia)	x				x			x	x											
22	247248	Dean Mireylees (Bungonia)					x				x											
23	246738	Richard Frith (Bungonia)					x															
24	246970	Phillip and Diane Broadhead (Bungonia)					x						x					x	x	x		
25	246713	Margaret Sullivan (Quialigo)	x																			
26	246740	Joanne Macey (Bungonia)					x															
27	246711	Gregory Sullivan (Quialigo)	x																			
28	246764	Rural Lifestyle Resident Action Group (Bungonia)	x				x						x									
29	246742	Craig Macey (Bungonia)					x															
30	241391	Name withheld (Bungonia)											x									
31	242540	Name withheld (Bungonia)					x				x											
32	246715	Name withheld (Bungonia)	x								x		x									
33	246719	Name withheld (Bungonia)									x											
34	246721	Name withheld (Bungonia)					x						x									
35	246760	Name withheld (Bungonia)	x				x				x		x					x				
36	246766	Name withheld (Bungonia)	x										x					x				
37	246772	Name withheld (Bungonia)	x										x									
38	246943	Name withheld (Bungonia)					x						x									
39	246982	Name withheld (Bungonia)	x								x			x	x							
40	247018	Name withheld (Bungonia)	x				x				x		x					x				
41	247478	Name withheld (Bungonia)	x								x											
42	246668	Name withheld (Marulan)		x						x	x											
43	246390	Name withheld (Windellama)	x			x		x					x					x				x
44	247789	Name withheld (Windellama)	x							x	x		x									
45	246792	Name withheld (Wilton)											x									
46	246963	Skye Ward	x							x	x											
47	Add 1	Name withheld	x										x	x		x	x	x				
48	Add 2	Name withheld											x				x					
49	Add 3	Ross Goddard (Marulan)																				x
Total			25	1	1	1	21	1	1	10	21	1	21	2	1	1	13	2	1	1	2	

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Matrix of Issues Raised in Public Submissions (Cont'd)

Submission			DS: Increased truck movements.	DI: Impacts of Increased Dust Emissions on Visual Amenity, Health and Drinking Water	BA: Odour from trucking bitumen supplies and products	LI: Impacts of light from trucks and quarry	VI: Impact on Visual Amenity of the Quarry Operations	HR: Impact on Visual Amenity of the Quarry Operations	RK: Impacts of Increased Trucking Hours of Operation on Wildlife	BO: Impacts of Bitumen Plant on Air Pollution and Health	SB: Bitumen Plant Size and Water Usage	BL: Potential Impacts of Leachate	BF: Potential for contamination and pollution	EP: Loss of rehabilitation materials	EM: vague information about ENM usage, stockpiling, source, composition and management	SS: Sale of basalt soil could reduce likelihood of successful rehabilitation	
Submission #	Primary Area of Concern	Dust	Odour	Visual Impact	Non-Aboriginal Heritage	Animal Fatalities	Bitumen Plant	ENM and rehabilitation									
1	244656	Rod Fabri (Bungonia)															
2	242729	Noel Derwent (Bungonia)															
3	245649	Neil Cooper (Bungonia)															
4	246100	John Wiggan (Bungonia)							x	x							
5	242467	Jacqueline Neill (Marulan)							x								
6	244988	Daryl Knight (Bungonia)															
7	245675	Cath Henshall (Bungonia)							x								
8	246175	Bungonia and District Historical Society Inc.															
9	244407	Brent Thomas (Bungonia)															
10	246910	Anne Wiggan (Bungonia)				x				x		x	x	x			x
11	245882	Name withheld (Bungonia)								x							
12	246280	Name withheld (Bungonia)															
13	245717	Name withheld (Bungonia)															
14	244814	Name withheld (Wilton)	x							x			x				
15	243663	Name withheld (Edensor Park)															
16	243998	Name withheld (Goulburn)							x								
17	240541	Michael Still (Windellama)															
18	244970	Ann Derwent (Bungonia)															
19	240543	Tracey Keenan (Windellama)															
20	248720	Ross Goddard (Marulan)					x										
21	247280	Ros and Ian Beveridge (Bungonia)							x								
22	247248	Dean Mireylees (Bungonia)															
23	246738	Richard Frith (Bungonia)			x					x							
24	246970	Phillip and Diane Broadhead (Bungonia)	x	x		x				x			x				
25	246713	Margaret Sullivan (Quialigo)															
26	246740	Joanne Macey (Bungonia)															
27	246711	Gregory Sullivan (Quialigo)															
28	246764	Rural Lifestyle Resident Action Group (Bungonia)							x								
29	246742	Craig Macey (Bungonia)															
30	241391	Name withheld (Bungonia)															
31	242540	Name withheld (Bungonia)															
32	246715	Name withheld (Bungonia)							x								
33	246719	Name withheld (Bungonia)															
34	246721	Name withheld (Bungonia)												x			
35	246760	Name withheld (Bungonia)												x			
36	246766	Name withheld (Bungonia)							x								
37	246772	Name withheld (Bungonia)															
38	246943	Name withheld (Bungonia)															
39	246982	Name withheld (Bungonia)							x	x	x						
40	247018	Name withheld (Bungonia)															
41	247478	Name withheld (Bungonia)	x						x								
42	246668	Name withheld (Marulan)															
43	246390	Name withheld (Windellama)										x	x			x	
44	247789	Name withheld (Windellama)															
45	246792	Name withheld (Wilton)															
46	246963	Skye Ward															
47	Add 1	Name withheld				x											
48	Add 2	Name withheld						x		x	x					x	
49	Add 3	Ross Goddard (Marulan)															
			Total	1	3	1	1	3	1	10	8	1	3	6	1	2	1

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Matrix of Issues Raised in Public Submissions (Cont'd)

Submission			LC: Adequacy of Consultation with Community and Landholders	CA: Proposed modifications not included in consultation material	CR: Registration and Response to Complaints	NP: No consultation with Bungonia NP noted in EIS	CB: Balance of Benefits and Impacts to the Community from Quarry Expansion	VP: Uncertainty over the adequacy of a Voluntary Planning Agreement	OQ: Need for the Project (other quarries can supply aggregate products)	BC: Bitumen Plant Competing with Local Business in Goulburn	QA: Impact on local lifestyle, property values or local amenity	AP: Extension of impacts to 2047	ME: Applicant lacks appropriate experience	SM: Spill management	QL: Extended Quarry Life	FM: Development Creep: Incremental Approvals Leading to Future Modifications and Greater Level of Impacts	
Submission #	Primary Area of Concern	Community Consultation	Cost vs Benefit to Community			Impact on Local Amenity	Quarry Experience	Hazards	Quarry life								
1	244656	Rod Fabri (Bungonia)															
2	242729	Noel Derwent (Bungonia)															
3	245649	Neil Cooper (Bungonia)															
4	246100	John Wiggan (Bungonia)									x						
5	242467	Jacqueline Neill (Marulan)															
6	244988	Daryl Knight (Bungonia)									x						
7	245675	Cath Henshall (Bungonia)					x				x						
8	246175	Bungonia and District Historical Society Inc.															
9	244407	Brent Thomas (Bungonia)	x				x				x						
10	246910	Anne Wiggan (Bungonia)		x				x				x					
11	245882	Name withheld (Bungonia)					x					x					
12	246280	Name withheld (Bungonia)							x		x						
13	245717	Name withheld (Bungonia)									x						
14	244814	Name withheld (Wilton)	x				x				x						x
15	243663	Name withheld (Edensor Park)									x						x
16	243998	Name withheld (Goulburn)						x									
17	240541	Michael Still (Windellama)															
18	244970	Ann Derwent (Bungonia)															
19	240543	Tracey Keenan (Windellama)															
20	248720	Ross Goddard (Marulan)									x						
21	247280	Ros and Ian Beveridge (Bungonia)															
22	247248	Dean Mireylees (Bungonia)								x							
23	246738	Richard Frith (Bungonia)	x														x
24	246970	Phillip and Diane Broadhead (Bungonia)				x					x						
25	246713	Margaret Sullivan (Quialigo)															
26	246740	Joanne Macey (Bungonia)															
27	246711	Gregory Sullivan (Quialigo)					x										x
28	246764	Rural Lifestyle Resident Action Group (Bungonia)															
29	246742	Craig Macey (Bungonia)															
30	241391	Name withheld (Bungonia)									x						x
31	242540	Name withheld (Bungonia)									x						x
32	246715	Name withheld (Bungonia)															
33	246719	Name withheld (Bungonia)					x										
34	246721	Name withheld (Bungonia)	x														
35	246760	Name withheld (Bungonia)															
36	246766	Name withheld (Bungonia)															
37	246772	Name withheld (Bungonia)															
38	246943	Name withheld (Bungonia)									x						
39	246982	Name withheld (Bungonia)						x									
40	247018	Name withheld (Bungonia)															
41	247478	Name withheld (Bungonia)									x						
42	246668	Name withheld (Marulan)															
43	246390	Name withheld (Windellama)							x				x				
44	247789	Name withheld (Windellama)															
45	246792	Name withheld (Wilton)	x				x										x
46	246963	Skye Ward															
47	Add 1	Name withheld															
48	Add 2	Name withheld				x								x		x	
49	Add 3	Ross Goddard (Marulan)															
Total			5	1	1	1	7	3	3	1	13	2	1	1	2	6	

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