

B4 - Resident	Overpressure	Mandatory	0	115	dB	11/9/17	Y	3:10:00 PM			0.00
B5 - Resident	Peak Particle Velocity	Mandatory	0	5	mm/sec	11/9/17	Y	3:10:00 PM			0.00
B5 - Resident	Overpressure	Mandatory	0	115	dB	11/9/17	Y	3:10:00 PM			0.00
B6 - Rail	Peak Particle Velocity	Mandatory	0	25	mm/sec	11/9/17	Y	3:19:00 PM			0.00
B6 - Pipeline	Peak Particle Velocity	Mandatory	0	100	mm/sec	11/9/17	Y	3:19:00 PM			0.00
B4 - Resident	Peak Particle Velocity	Mandatory	0	5	mm/sec	11/10/17	Y	3:19:00 PM			0.00
B4 - Resident	Overpressure	Mandatory	0	115	dB	11/10/17	Y	3:19:00 PM			0.00
B5 - Resident	Peak Particle Velocity	Mandatory	0	5	mm/sec	11/10/17	Y	3:19:00 PM			0.00
B5 - Resident	Overpressure	Mandatory	0	115	dB	11/10/17	Y	3:19:00 PM			0.00
B6 - Rail	Peak Particle Velocity	Mandatory	0	25	mm/sec	11/10/17	Y	3:19:00 PM			0.00
B6 - Pipeline	Peak Particle Velocity	Mandatory	0	100	mm/sec	11/10/17	Y	3:19:00 PM			0.00
B4 - Resident	Peak Particle Velocity	Mandatory	0	5	mm/sec	13/11/2017	Y	3:25:00 PM			0.00
B4 - Resident	Overpressure	Mandatory	0	115	dB	13/11/2017	Y	3:25:00 PM			0.00
B5 - Resident	Peak Particle Velocity	Mandatory	0	5	mm/sec	13/11/2017	Y	3:25:00 PM			0.00
B5 - Resident	Overpressure	Mandatory	0	115	dB	13/11/2017	Y	3:25:00 PM			0.00
B6 - Rail	Peak Particle Velocity	Mandatory	0	25	mm/sec	13/11/2017	Y	3:25:00 PM			0.00
B6 - Pipeline	Peak Particle Velocity	Mandatory	0	100	mm/sec	13/11/2017	Y	3:25:00 PM			0.00
B4 - Resident	Peak Particle Velocity	Mandatory	0	5	mm/sec	14/11/2017	Y	1:05:00 PM			0.00
B4 - Resident	Overpressure	Mandatory	0	115	dB	14/11/2017	Y	1:05:00 PM			0.00
B5 - Resident	Peak Particle Velocity	Mandatory	0	5	mm/sec	14/11/2017	Y	1:05:00 PM			0.00
B5 - Resident	Overpressure	Mandatory	0	115	dB	14/11/2017	Y	1:05:00 PM			0.00
B6 - Rail	Peak Particle Velocity	Mandatory	0	25	mm/sec	14/11/2017	Y	1:05:00 PM			0.00
B6 - Pipeline	Peak Particle Velocity	Mandatory	0	100	mm/sec	14/11/2017	Y	1:05:00 PM			0.00
B4 - Resident	Peak Particle Velocity	Mandatory	0	5	mm/sec	15/11/2017	Y	1:35:00 PM			0.00
B4 - Resident	Overpressure	Mandatory	0	115	dB	15/11/2017	Y	1:35:00 PM			0.00
B5 - Resident	Peak Particle Velocity	Mandatory	0	5	mm/sec	15/11/2017	Y	1:35:00 PM			0.00
B5 - Resident	Overpressure	Mandatory	0	115	dB	15/11/2017	Y	1:35:00 PM			0.00
B6 - Rail	Peak Particle Velocity	Mandatory	0	25	mm/sec	15/11/2017	Y	1:35:00 PM			0.00
B6 - Pipeline	Peak Particle Velocity	Mandatory	0	100	mm/sec	15/11/2017	Y	1:35:00 PM			0.00

Site: Cooma Road Quarry

Environment Protection Licence No.	1453
Site Name (As it appears on the licence)	Cooma Road Quarry
Site Address (As it appears on the licence)	Cooma Road Quarry Cooma Road Queanbeyan NSW 2620
Link to Licence on EPA Website	http://www.environment.nsw.gov.au/proposal/ViewPEOLLicence.aspx?DOCID=289268ASYUID=1&LICID=1453

Water												
Barracks Creek	pH	Monthly	6.5	8.5	pH	11/1/17	Y				8.8	0
	Total O&G	Monthly	0	10	mg/L	11/1/17	Y				<1	0
	Susp. Solids	Monthly	0	50	mg/L	11/1/17	Y				<2	0
Blasting												
Heffernans House	Overpressure	Per blast	0	115	dB		Y				NRR	No blasting in the reporting period
	Vibration	Per blast	0	5	mm/s		Y				NRR	
Heffernans House	Overpressure	Per blast	0	115	dB		Y				NRR	
	Vibration	Per blast	0	5	mm/s		Y				NRR	
Heffernans House	Overpressure	Per blast	0	115	dB		Y				NRR	
	Vibration	Per blast	0	5	mm/s		Y				NRR	
Heffernans House	Overpressure	Per blast	0	115	dB		Y				NRR	
	Vibration	Per blast	0	5	mm/s		Y				NRR	

Site: Dubbo Quarry

Environment Protection Licence No.	2212
Site Name (As it appears on the licence)	Dubbo Quarry
Site Address (As it appears on the licence)	Sheraton Road, Dubbo, NSW 2830
Link to Licence on EPA Website	http://www.environment.nsw.gov.au/proposal/ViewPEOLLicence.aspx?DOCID=290368ASYUID=1&LICID=2212

Blasting												
WARRENS HOUSE	Overpressure	Per blast	0	120	dB		Y				NRR	
	Vibration	Per blast	0	10	mm/s		Y				NRR	
WARRENS HOUSE	Overpressure	Per blast	0	120	dB		Y				NRR	
	Vibration	Per blast	0	10	mm/s		Y				NRR	
WARRENS HOUSE	Overpressure	Per blast	0	120	dB		Y				NRR	
	Vibration	Per blast	0	10	mm/s		Y				NRR	
WARRENS HOUSE	Overpressure	Per blast	0	120	dB		Y				NRR	
	Vibration	Per blast	0	10	mm/s		Y				NRR	

Site: Humes - Blacktown

Environment Protection Licence No.	1310
Site Name (As it appears on the licence)	Humes Blacktown
Site Address (As it appears on the licence)	Humes Blacktown Lot 1 Woodstock Ave ROOBY HILL NSW 2766
Link to Licence on EPA Website	http://www.environment.nsw.gov.au/proposal/ViewPEOLLicence.aspx?DOCID=289268ASYUID=1&LICID=1310

Water												
Sediment Basin	TSS	Daily During Discharge	6.5	8.5	mg/L	11/6/17	Y				26	
	pH	Daily During Discharge	6.5	8.5	pH	11/6/17	Y				8.29	
Sediment Basin	TSS	Daily During Discharge	6.5	8.5	mg/L	11/10/17	Y				28	
	pH	Daily During Discharge	6.5	8.5	pH	11/10/17	Y				8.46	
Sediment Basin	TSS	Daily During Discharge	6.5	8.5	mg/L	13/11/17	Y				23	
	pH	Daily During Discharge	6.5	8.5	pH	13/11/17	Y				8.11	
Sediment Basin	TSS	Daily During Discharge	6.5	8.5	mg/L		Y				NRR	
	pH	Daily During Discharge	6.5	8.5	pH		Y				NRR	
Sediment Basin	TSS	Daily During Discharge	6.5	8.5	mg/L		Y				NRR	
	pH	Daily During Discharge	6.5	8.5	pH		Y				NRR	
Sediment Basin	TSS	Daily During Discharge	6.5	8.5	mg/L		Y				NRR	
	pH	Daily During Discharge	6.5	8.5	pH		Y				NRR	
Sediment Basin	TSS	Daily During Discharge	6.5	8.5	mg/L		Y				NRR	
	pH	Daily During Discharge	6.5	8.5	pH		Y				NRR	
Sediment Basin	TSS	Daily During Discharge	6.5	8.5	mg/L		Y				NRR	
	pH	Daily During Discharge	6.5	8.5	pH		Y				NRR	
Sediment Basin	TSS	Daily During Discharge	6.5	8.5	mg/L		Y				NRR	
	pH	Daily During Discharge	6.5	8.5	pH		Y				NRR	
Sediment Basin	TSS	Daily During Discharge	6.5	8.5	mg/L		Y				NRR	
	pH	Daily During Discharge	6.5	8.5	pH		Y				NRR	

Site: Teven Quarry

Environment Protection Licence No.	3293
Site Name (As it appears on the licence)	Readymix Teven Quarry
Site Address (As it appears on the licence)	Stokers Lane Teven NSW 2478
Link to Licence on EPA Website	http://www.environment.nsw.gov.au/proposal/ViewPEOLLicence.aspx?DOCID=291688ASYUID=1&LICID=3293

Blasting												
ID #1	pH	Weekly	6.5	8.5	pH	11/6/17	Y				7.6	
ID #1	pH	Weekly	6.5	8.5	pH		Y				NRR	
ID #1	Oil/Grease	Yearly during discharge (August)	0	10	mg/L		Y				NRR	
ID #1	TSS	Yearly during discharge (August)	0	50	mg/L		Y				NRR	
Noise												
144 Stokers Lane - Murphy's Residence	dB(A) L Aeq 15 min	Not specified	0	46	dB		Y				NRR	

Site: Boambee Quarry

Environment Protection Licence No.	7094
Site Name (As it appears on the licence)	Boambee Quarry
Site Address (As it appears on the licence)	Boambee Quarry North Boambee Road BOAMBE NSW 2450
Link to Licence on EPA Website	http://www.environment.nsw.gov.au/proposal/ViewPEOLLicence.aspx?DOCID=312358ASYUID=1&LICID=7094

Blasting (M4 & L2.1 - To determine compliance with L3, measurements to be taken at any point within 1 metre of residential boundary)									
Overpressure	Per blast	0	120	dB	Y				NRR
Vibration	Per blast	0	10	mm/s	Y				NRR
Overpressure	Per blast	0	120	dB	Y				NRR
Vibration	Per blast	0	10	mm/s	Y				NRR
Overpressure	Per blast	0	120	dB	Y				NRR
Vibration	Per blast	0	10	mm/s	Y				NRR
Overpressure	Per blast	0	120	dB	Y				NRR
Vibration	Per blast	0	10	mm/s	Y				NRR

Site: Tuncurry Sand

Environment Protection Licence No.	13359
Site Name (As it appears on the licence)	Tuncurry Sand Quarry
Site Address (As it appears on the licence)	Tip Road Tuncurry NSW 2428
Link to Licence on EPA Website	http://www.environment.nsw.gov.au/eprocapp/ViewPEOLLicence.aspx?DOCID=506454SYLJUD=1&LICID=13359

Water									
ID#2 Surface H2O "Lake 1"	Arsenic	Quarterly	0		mg/L	Y			NRR
	Conductivity	Quarterly	0		µS/cm	Y			NRR
	Copper	Quarterly	0		mg/L	Y			NRR
	Iron	Quarterly	0		mg/L	Y			NRR
	pH	Quarterly	0		pH	Y			NRR
ID#3 Surface H2O "Lake 2"	Zinc	Quarterly	0		mg/L	Y			NRR
	Arsenic	Quarterly	0		mg/L	Y			NRR
	Conductivity	Quarterly	0		µS/cm	Y			NRR
	Copper	Quarterly	0		mg/L	Y			NRR
	Iron	Quarterly	0		mg/L	Y			NRR
ID#4 Surface H2O "Lake 3"	pH	Quarterly	0		pH	Y			NRR
	Zinc	Quarterly	0		mg/L	Y			NRR
	Arsenic	Quarterly	0		mg/L	Y			NRR
	Conductivity	Quarterly	0		µS/cm	Y			NRR
	Copper	Quarterly	0		mg/L	Y			NRR
ID#5 Surface H2O "Lake 4"	Iron	Quarterly	0		mg/L	Y			NRR
	pH	Quarterly	0		pH	Y			NRR
	Zinc	Quarterly	0		mg/L	Y			NRR
	Arsenic	Quarterly	0		mg/L	Y			NRR
	Conductivity	Quarterly	0		µS/cm	Y			NRR

Air											
ID #1	Deposited Matter	Monthly	0	4	g/m ² /month	26/09/2017	Y	26/09/2017	28/09/2017	8	Significant bush fires approx. 600 m from the site

Site: Jandra Quarry

Environment Protection Licence No.	2796
Site Name (As it appears on the licence)	Jandra Quarry
Site Address (As it appears on the licence)	Pacific Highway Possum Brush NSW 2430
Link to Licence on EPA Website	http://www.environment.nsw.gov.au/eprocapp/ViewPEOLLicence.aspx?DOCID=506584SYLJUD=1&LICID=2796

Water									
ID #1	Discharge pH	Each overflow event	6.5	8.5	pH	Y			NRR
ID #1	Discharge TSS	2 X Daily during discharge	0	50	mg/L	Y			NRR
ID #1	Discharge Turbidity	2 X Daily during discharge	0		ntu	Y			NRR
ID #1	Discharge Turbidity	2 X Daily during discharge	0		ntu	Y			NRR
ID #1	Discharge pH	Each overflow event	6.5	8.5	pH	Y			NRR
ID #1	Discharge TSS	2 X Daily during discharge	0	50	mg/L	Y			NRR
ID #1	Discharge TSS	2 X Daily during discharge	0	50	mg/L	Y			NRR
ID #1	Discharge Turbidity	2 X Daily during discharge	0		ntu	Y			NRR
ID #1	Discharge Turbidity	2 X Daily during discharge	0		ntu	Y			NRR
ID #1	Discharge pH	Each overflow event	6.5	8.5	pH	Y			NRR
DD 1	Insoluble Solids	Monthly	0	4	mg/m ² /month	Y			NRR
DD 2	Insoluble Solids	Monthly	0	4	mg/m ² /month	Y			NRR
DD 3	Insoluble Solids	Monthly	0	4	mg/m ² /month	Y			NRR
DD 4	Insoluble Solids	Monthly	0	4	mg/m ² /month	Y			NRR
HVAS 1	Insoluble Solids	Monthly	0	4	mg/m ² /month	Y			NRR
HVAS 1	PM10	24hr (every 6 days)	0	50	µg/m ³	Y			NRR
HVAS 1	PM10	24hr (every 6 days)	0	50	µg/m ³	Y			NRR
HVAS 2	PM10	24hr (every 6 days)	0	50	µg/m ³	Y			NRR
HVAS 2	PM10	24hr (every 6 days)	0	50	µg/m ³	Y			NRR

Blasting (To determine compliance with L3, measurements to be taken at any point within 1 metre of residential boundary)									
Overpressure	Per blast	0	120	dB	Y				NRR
Vibration	Per blast	0	10	mm/s	Y				NRR
Overpressure	Per blast	0	120	dB	Y				NRR
Vibration	Per blast	0	10	mm/s	Y				NRR
Overpressure	Per blast	0	120	dB	Y				NRR
Vibration	Per blast	0	10	mm/s	Y				NRR
Overpressure	Per blast	0	120	dB	Y				NRR
Vibration	Per blast	0	10	mm/s	Y				NRR

Annual Blasting Requirements (Calculated each month on a cumulative basis)									
Overpressure	Monthly (Cumulative)	115	120	dB	Y				NRR
Vibration	Monthly (Cumulative)	5	10	mm/s	Y				NRR