

Site: Albion Park Quarry

Environment Protection Licence No.	122
Site Name (As it appears on the licence)	Albion Park Quarry
Site Address (As it appears on the licence)	Albion Park Quarry Woollybutt Drive ALBION PARK RAIL NSW 2527
Link to Licence on EPA Website	http://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOlicence.aspx?DOCID=54925&SYSUID=1&LICID=122

Water

Point 1	pH	After 90mm rain	6.5	8.5	pH	Y				NRR
	Oil and Grease	After 90mm rain	0	0	Visible	Y				NRR
	TSS	After 90mm rain		50	mg/L	Y				NRR
Point 2	pH	After 90mm rain	6.5	8.5	pH	Y				NRR
	Oil and Grease	After 90mm rain	0	0	Visible	Y				NRR
	TSS	After 90mm rain		50	mg/L	Y				NRR
Point 1	pH	After 90mm rain	6.5	8.5	pH	Y				NRR
	Oil and Grease	After 90mm rain	0	0	Visible	Y				NRR
	TSS	After 90mm rain		50	mg/L	Y				NRR
Point 2	pH	After 90mm rain	6.5	8.5	pH	Y				NRR
	Oil and Grease	After 90mm rain	0	0	Visible	Y				NRR
	TSS	After 90mm rain		50	mg/L	Y				NRR
Point 1	pH	After 90mm rain	6.5	8.5	pH	Y				NRR
	Oil and Grease	After 90mm rain	0	0	Visible	Y				NRR
	TSS	After 90mm rain		50	mg/L	Y				NRR
Point 2	pH	After 90mm rain	6.5	8.5	pH	Y				NRR
	Oil and Grease	After 90mm rain	0	0	Visible	Y				NRR
	TSS	After 90mm rain		50	mg/L	Y				NRR

Air

Point 3	Ash	Monthly		90		Y				NRR
Point 4	Ash	Monthly		90		Y				NRR
Point 5	Ash	Monthly		90		Y				NRR
Point 6	Ash	Monthly		90		Y				NRR

Blasting

Time of Blast										
		Per Blast		5	mm/s	Y				0.38
		Per Blast		115	dB	Y				105.9
		Per Blast		5	mm/s	Y				0.72
		Per Blast		115	dB	Y				100.7
		Per Blast		5	mm/s	Y				NRR
		Per Blast		115	dB	Y				NRR
		Per Blast		5	mm/s	Y				NRR
		Per Blast		115	dB	Y				NRR
		Per Blast		5	mm/s	Y				NRR

Site: "Johnniefelds" Marulan Quarry

Environment Protection Licence No.	1371
Site Name (As it appears on the licence)	Marulan Quarry
Site Address (As it appears on the licence)	Marulan Quarry Brayton Road MARULAN NSW 2579
Link to Licence on EPA Website	http://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOlicence.aspx?DOCID=32923&SYSUID=1&LICID=1371

Blasting

Time of Blast										
Underdowns	Overpressure	Per Blast		115	dB	Y				NRR
	Vibration	Per Blast		5	mm/s	Y				NRR
Underdowns	Overpressure	Per Blast		115	dB	Y				NRR
	Vibration	Per Blast		5	mm/s	Y				NRR
Underdowns	Overpressure	Per Blast		115	dB	Y				NRR

	Vibration	Per Blast		5	mm/s		Y				NRR
Underdowns	Overpressure	Per Blast		115	dB		Y				NRR
	Vibration	Per Blast		5	mm/s		Y				NRR
Underdowns	Overpressure	Per Blast		115	dB		Y				NRR

Site: Lynwood Quarry

Environment Protection Licence No.	12939
Site Name (As it appears on the licence)	Lynwood Quarry
Site Address (As it appears on the licence)	Lynwood Quarry 278 Stoney Creek Road, MARULAN NSW 2579
Link to Licence on EPA Website	http://app.epa.nsw.gov.au/prpoeoapp/ViewPOELicence.aspx?DOCID=105521&SYSUID=1&LICID=12939

Air											
DD 5	Insoluble Solids	Monthly	0	4	mg/m2/month	0/1/00	Y	12:00:00 AM	12:00:00 AM		NRR
DD 8	Insoluble Solids	Monthly	0	4	mg/m2/month	0/1/00	Y	12:00:00 AM	12:00:00 AM		NRR
DD 11	Insoluble Solids	Monthly	0	4	mg/m2/month	0/1/00	Y	12:00:00 AM	12:00:00 AM		NRR
DD 12	Insoluble Solids	Monthly	0	4	mg/m2/month	0/1/00	Y	12:00:00 AM	12:00:00 AM		NRR
DD 13	Insoluble Solids	Monthly	0	4	mg/m2/month	0/1/00	Y	12:00:00 AM	12:00:00 AM		NRR
HVAS 1	PM10	24hr (every 6 days)	0	50	µg/m3	20/3/18	Y	21/3/18	26/3/18		17.50
HVAS 1	PM10	24hr (every 6 days)	0	50	µg/m3	0/1/00	Y	12:00:00 AM	12:00:00 AM		NRR
HVAS 1	PM10	24hr (every 6 days)	0	50	µg/m3	0/1/00	Y	12:00:00 AM	12:00:00 AM		NRR
HVAS 2	PM10	24hr (every 6 days)	0	50	µg/m3	20/3/18	Y	21/3/18	26/3/18		NRR
HVAS 2	PM10	24hr (every 6 days)	0	50	µg/m3	0/1/00	Y	12:00:00 AM	12:00:00 AM		NRR
HVAS 2	PM10	24hr (every 6 days)	0	50	µg/m3	0/1/00	Y	12:00:00 AM	12:00:00 AM		NRR
Blasting											
Time of Blast											
B1 - Rail	Peak Particle Velocity	Per Blast	0	25	mm/sec		Y	12:00:00 AM			NRR
B2 - Pipeline	Peak Particle Velocity	Per Blast	0	100	mm/sec		Y	12:00:00 AM			NRR
B3 - Resident	Peak Particle Velocity	Per Blast	0	5	mm/sec		Y	12:00:00 AM			NRR
B3 - Resident	Overpressure	Per Blast	0	115	dB		Y	12:00:00 AM			NRR
B1 - Rail	Peak Particle Velocity	Per Blast	0	25	mm/sec		Y	12:00:00 AM			NRR
B2 - Pipeline	Peak Particle Velocity	Per Blast	0	100	mm/sec		Y	12:00:00 AM			NRR
B3 - Resident	Peak Particle Velocity	Per Blast	0	5	mm/sec	0/1/00	Y	12:00:00 AM			NRR
B3 - Resident	Overpressure	Per Blast	0	115	dB	0/1/00	Y	12:00:00 AM			NRR
B1 - Rail	Peak Particle Velocity	Per Blast	0	25	mm/sec	0/1/00	Y	12:00:00 AM			NRR
B2 - Pipeline	Peak Particle Velocity	Per Blast	0	100	mm/sec	0/1/00	Y	12:00:00 AM			NRR
B3 - Resident	Peak Particle Velocity	Per Blast	0	5	mm/sec	0/1/00	Y	12:00:00 AM			NRR
B3 - Resident	Overpressure	Per Blast	0	115	dB	0/1/00	Y	12:00:00 AM			NRR
B1 - Rail	Peak Particle Velocity	Per Blast	0	25	mm/sec	0/1/00	Y	12:00:00 AM			NRR
B2 - Pipeline	Peak Particle Velocity	Per Blast	0	100	mm/sec	0/1/00	Y	12:00:00 AM			NRR
B3 - Resident	Peak Particle Velocity	Per Blast	0	5	mm/sec	20/03/2018	Y	12:06:00 PM			0.00
B3 - Resident	Overpressure	Per Blast	0	115	dB	20/03/2018	Y	12:06:00 PM			0.00
B4 - Resident	Peak Particle Velocity	Per Blast	0	5	mm/sec	20/03/2018	Y	12:06:00 PM			0.00
B4 - Resident	Overpressure	Per Blast	0	115	dB	20/03/2018	Y	12:06:00 PM			0.00
B5 - Resident	Peak Particle Velocity	Per Blast	0	5	mm/sec	0/1/00	Y	12:00:00 AM			NRR
B5 - Resident	Overpressure	Per Blast	0	115	dB	0/1/00	Y	12:00:00 AM			NRR
B6 - Rail	Peak Particle Velocity	Per Blast	0	25	mm/sec	20/03/2018	Y	12:06:00 PM			0.00
B6 - Pipeline	Peak Particle Velocity	Per Blast	0	100	mm/sec	20/03/2018	Y	12:06:00 PM			0.00
B4 - Resident	Peak Particle Velocity	Per Blast	0	5	mm/sec	22/03/2018	Y	4:08:00 PM			0.00
B4 - Resident	Overpressure	Per Blast	0	115	dB	22/03/2018	Y	4:08:00 PM			0.00
B5 - Resident	Peak Particle Velocity	Per Blast	0	5	mm/sec	22/03/2018	Y	4:08:00 PM			0.00
B5 - Resident	Overpressure	Per Blast	0	115	dB	22/03/2018	Y	4:08:00 PM			0.00

Site: Cooma Road Quarry

Environment Protection Licence No.	1453
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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://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=32932&SYSUID=1&LICID=1453

Water											
Barracks Creek	pH	Monthly	6.5	8.5	pH		Y				NRR
	Total O&G	Monthly	0	10	mg/L		Y				NRR
	Susp. Solids	Monthly	0	50	mg/L		Y				NRR
Blasting											
Time of Blast											
Heffernans House	Overpressure	Per blast	0	115	dB	20/3/2018	Y	1:33:00 PM			92.3
	Vibration	Per blast	0	5	mm/s	20/3/2019	Y	1:33:00 PM			0.84
Jerrabomberra	Overpressure	Per blast	0	115	dB	20/3/2020	Y	1:33:00 PM			110
	Vibration	Per blast	0	5	mm/s	20/3/2021	Y	1:33:00 PM			0.5
Heffernans House	Overpressure	Per blast	0	115	dB		Y				NRR
	Vibration	Per blast	0	5	mm/s		Y				NRR
Jerrabomberra	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://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=42179&SYSUID=1&LICID=2212

Blasting											
Time of Blast											
Holcim Propoerty	Overpressure	Per blast		120	dB	22/3/2018	Y	1:37pm			111.9
west end of access road	Vibration	Per blast		10	mm/s	22/3/2018	Y	1:37pm			1.75
WARRENS HOUSE	Overpressure	Per blast		120	dB		Y				NRR
	Vibration	Per blast		10	mm/s		Y				NRR
WARRENS HOUSE	Overpressure	Per blast		120	dB		Y				NRR
	Vibration	Per blast		10	mm/s		Y				NRR
WARRENS HOUSE	Overpressure	Per blast		120	dB		Y				NRR
	Vibration	Per blast		10	mm/s		Y				NRR

Site: Dunloe Sands Quarry

Environment Protection Licence No.	13077
Site Name (As it appears on the licence)	Dunloe Sands Quarry
Site Address (As it appears on the licence)	Pottsville-Mooball Road, Mooball NSW 2483
Link to Licence on EPA Website	http://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=134905&SYSUID=1&LICID=13077

Water - *Frequency is as per 'Special Frequency 1' referred to in Condition M2.3 of EPL												
Silt Pond discharge monitoring point	Discharge pH	<24 hours prior to overflow event*	6.5	8.5	pH	0/1/00	Y				NRR	0
0	Discharge pH	Overflow (Day 1)*	6.5	8.5	pH	0/1/00	Y				NRR	0
0	Discharge pH	Overflow (Day 2)*	6.5	8.5	pH	0/1/00	Y				NRR	0
0	Discharge pH	Overflow (Day 3)*	6.5	8.5	pH	0/1/00	Y				NRR	0
0	Discharge pH	Overflow (Day 4)*	6.5	8.5	pH	0/1/00	Y				NRR	0
0	Discharge pH	Overflow (Day 5)*	6.5	8.5	pH	0/1/00	Y				NRR	0
0	Discharge TSS	<24 hours prior to overflow event*	0	50	mg/L	0/1/00	Y				NRR	0
0	Discharge TSS	Overflow (Day 1)*	0	50	mg/L	0/1/00	Y				NRR	0
0	Discharge TSS	Overflow (Day 2)*	0	50	mg/L	0/1/00	Y				NRR	0
0	Discharge TSS	Overflow (Day 3)*	0	50	mg/L	0/1/00	Y				NRR	0

0	Discharge TSS	Overflow (Day 4)*	0	50	mg/L	0/1/00	Y				NRR	0	
0	Discharge TSS	Overflow (Day 5)*	0	50	mg/L	0/1/00	Y				NRR	0	
0	Oil and Grease	<24 hours prior to overflow event*	0	0	0=Not Visible; 1=Visible	0/1/00	Y				NRR	0	
0	Oil and Grease	Overflow (Day 1)*	0	0	0=Not Visible; 1=Visible	0/1/00	Y				NRR	0	
0	Oil and Grease	Overflow (Day 2)*	0	0	0=Not Visible; 1=Visible	0/1/00	Y				NRR	0	
0	Oil and Grease	Overflow (Day 3)*	0	0	0=Not Visible; 1=Visible	0/1/00	Y				NRR	0	
0	Oil and Grease	Overflow (Day 4)*	0	0	0=Not Visible; 1=Visible	0/1/00	Y				NRR	0	
0	Oil and Grease	Overflow (Day 5)*	0	0	0=Not Visible; 1=Visible	0/1/00	Y				NRR	0	
0	Discharge pH	<24 hours prior to overflow event*	6.5	8.5	pH	0/1/00	Y				NRR	0	
0	Discharge pH	Overflow (Day 1)*	6.5	8.5	pH	0/1/00	Y				NRR	0	
0	Discharge pH	Overflow (Day 2)*	6.5	8.5	pH	0/1/00	Y				NRR	0	
0	Discharge pH	Overflow (Day 3)*	6.5	8.5	pH	0/1/00	Y				NRR	0	
0	Discharge pH	Overflow (Day 4)*	6.5	8.5	pH	0/1/00	Y				NRR	0	
0	Discharge pH	Overflow (Day 5)*	6.5	8.5	pH	0/1/00	Y				NRR	0	
0	Discharge TSS	<24 hours prior to overflow event*	0	50	mg/L	0/1/00	Y				NRR	0	
0	Discharge TSS	Overflow (Day 1)*	0	50	mg/L	0/1/00	Y				NRR	0	
0	Discharge TSS	Overflow (Day 2)*	0	50	mg/L	0/1/00	Y				NRR	0	
0	Discharge TSS	Overflow (Day 3)*	0	50	mg/L	0/1/00	Y				NRR	0	
0	Discharge TSS	Overflow (Day 4)*	0	50	mg/L	0/1/00	Y				NRR	0	
0	Discharge TSS	Overflow (Day 5)*	0	50	mg/L	0/1/00	Y				NRR	0	
0	Oil and Grease	<24 hours prior to overflow event*	0	0	0=Not Visible; 1=Visible	0/1/00	Y				NRR	0	
0	Oil and Grease	Overflow (Day 1)*	0	0	0=Not Visible; 1=Visible	0/1/00	Y				NRR	0	
0	Oil and Grease	Overflow (Day 2)*	0	0	0=Not Visible; 1=Visible	0/1/00	Y				NRR	0	
0	Oil and Grease	Overflow (Day 3)*	0	0	0=Not Visible; 1=Visible	0/1/00	Y				NRR	0	
0	Oil and Grease	Overflow (Day 4)*	0	0	0=Not Visible; 1=Visible	0/1/00	Y				NRR	0	
0	Oil and Grease	Overflow (Day 5)*	0	0	0=Not Visible; 1=Visible	0/1/00	Y				NRR	0	
Groundwater													
DLP1	Ammonia	Yearly	-	-	mg/L	0/1/00	Y			0/1/00	0/1/00	NRR	0
0	Chloride	Yearly	-	-	mg/L	0/1/00	Y			0/1/00	0/1/00	NRR	0
0	Electrical conductivity	Yearly	-	-	µm/cm	0/1/00	Y			0/1/00	0/1/00	NRR	0
0	Oil and Grease	Yearly	-	-	mg/L	0/1/00	Y			0/1/00	0/1/00	NRR	0
0	pH	Yearly	-	-	pH	0/1/00	Y			0/1/00	0/1/00	NRR	0
0	Standing Water Level	Yearly	-	-	m	0/1/00	Y			0/1/00	0/1/00	NRR	0
0	Sulfate	Yearly	-	-	mg/L	0/1/00	Y			0/1/00	0/1/00	NRR	0
DLP2	Ammonia	Yearly	-	-	mg/L	0/1/00	Y			0/1/00	0/1/00	NRR	0
0	Chloride	Yearly	-	-	mg/L	0/1/00	Y			0/1/00	0/1/00	NRR	0
0	Electrical conductivity	Yearly	-	-	µm/cm	0/1/00	Y			0/1/00	0/1/00	NRR	0
0	Oil and Grease	Yearly	-	-	mg/L	0/1/00	Y			0/1/00	0/1/00	NRR	0
0	pH	Yearly	-	-	pH	0/1/00	Y			0/1/00	0/1/00	NRR	0
0	Standing Water Level	Yearly	-	-	m	0/1/00	Y			0/1/00	0/1/00	NRR	0
0	Sulfate	Yearly	-	-	mg/L	0/1/00	Y			0/1/00	0/1/00	NRR	0
DLP3	Ammonia	Yearly	-	-	mg/L	0/1/00	Y			0/1/00	0/1/00	NRR	0
0	Chloride	Yearly	-	-	mg/L	0/1/00	Y			0/1/00	0/1/00	NRR	0
0	Electrical conductivity	Yearly	-	-	µm/cm	0/1/00	Y			0/1/00	0/1/00	NRR	0
0	Oil and Grease	Yearly	-	-	mg/L	0/1/00	Y			0/1/00	0/1/00	NRR	0
0	pH	Yearly	-	-	pH	0/1/00	Y			0/1/00	0/1/00	NRR	0
0	Standing Water Level	Yearly	-	-	m	0/1/00	Y			0/1/00	0/1/00	NRR	0
0	Sulfate	Yearly	-	-	mg/L	0/1/00	Y			0/1/00	0/1/00	NRR	0
DLP5	Ammonia	Yearly	-	-	mg/L	0/1/00	Y			0/1/00	0/1/00	NRR	0
0	Chloride	Yearly	-	-	mg/L	0/1/00	Y			0/1/00	0/1/00	NRR	0
0	Electrical conductivity	Yearly	-	-	µm/cm	0/1/00	Y			0/1/00	0/1/00	NRR	0
0	Oil and Grease	Yearly	-	-	mg/L	0/1/00	Y			0/1/00	0/1/00	NRR	0
0	pH	Yearly	-	-	pH	0/1/00	Y			0/1/00	0/1/00	NRR	0
0	Standing Water Level	Yearly	-	-	m	0/1/00	Y			0/1/00	0/1/00	NRR	0
0	Sulfate	Yearly	-	-	mg/L	0/1/00	Y			0/1/00	0/1/00	NRR	0
DLP6	Ammonia	Yearly	-	-	mg/L	0/1/00	Y			0/1/00	0/1/00	NRR	0
0	Chloride	Yearly	-	-	mg/L	0/1/00	Y			0/1/00	0/1/00	NRR	0

ID #1	pH	Weekly	6.5	8.5	pH	26/3/18	Y				8.2	
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://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=108484&SYSUID=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)						Time of Blast					
	Overpressure	Per blast	0	120	dB		Y			NRR	no blasting this period.
	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://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=473508&SYSUID=1&LICID=13359

Water												
ID#2 Surface H20 "Lake 1"	Arsenic	Quarterly	0		mg/L		Y				NRR	no results this period.
	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	
	Zinc	Quarterly	0		mg/L		Y				NRR	
ID#3 Surface H20 "Lake 2"	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	
	Zinc	Quarterly	0		mg/L		Y				NRR	
ID#4 Surface H20 "Lake 3"	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	
	Zinc	Quarterly	0		mg/L		Y				NRR	
ID#5 Surface H20 "Lake 4"	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
	Zinc	Quarterly	0		mg/L		Y				NRR
Air											
	ID #1	Deposited Matter	Monthly	0	4	g/m2/month		Y			NRR

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://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=87197&SYSUID=1&LICID=2796

Water												
ID #1	Discharge pH	Each overflow event	6.5	8.5	pH		Y				NRR	results entered into 1-15 Feb spreadsheet by mistake.
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	
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			Y				NRR	
DD 2	Insoluble Solids	Monthly	0	4	mg/m2/month		Y				NRR	
DD 3	Insoluble Solids	Monthly	0	4	mg/m2/month		Y				NRR	
DD 4	Insoluble Solids	Monthly	0	4	mg/m2/month		Y				NRR	
HVAS 1	Insoluble Solids	Monthly	0	4	mg/m2/month		Y				NRR	
HVAS 1	PM10	24hr (every 6 days)	0	50	µg/m3		Y				NRR	
HVAS 1	PM10	24hr (every 6 days)	0	50	µg/m3		Y				NRR	
HVAS 2	PM10	24hr (every 6 days)	0	50	µg/m3		Y				NRR	
HVAS 2	PM10	24hr (every 6 days)	0	50	µg/m3		Y				NRR	
HVAS 2	PM10	24hr (every 6 days)	0	50	µg/m3		Y				NRR	
Blasting (To determine compliance with L3, measurements to be taken at any point within 1 metre of residential boundary)												
Time of Blast												
	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	