#### Pollution Monitoring Data - Holcim Teven Quarry (EPL Number 3293)



Facility Address	Stokers Lane, Teven NSW 2478
Link to Public Register	https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=3293&id=3293&option=licence&searchrange=licence⦥=POEO%20licence&prp=no&status=Issued
Date Dataset Updated	Tuesday, January 28, 2020

# Surface Water Monitoring Results (EPL 3293)

urface	Water	Monitorina	(January	/ - June 2019)

Location	E	Caaa	I amount imit	Upper Limit	11-14	Description		Event Date	<b>Event Date</b>	Event Date	Event Date	<b>Event Date</b>	<b>Event Date</b>	Event Date	Event Date	<b>Event Date</b>	Event Date	Event Date
Location	Frequency	Source	Lower Limit	Opper Limit	Unit	Description		4 Feb 2019	5 Feb 2019	6 Feb 2019	7 Feb 2019	15 Apr 2019	16 Apr 2019	6 May 2019	7 May 2019	8 May 2019	11 Jun 2019	12 Jun 2019
			6.5	8.5	pH Units	рH	Result	7.3	7.3	7.5	6.9	7.4	7	7	7	7.2	7.1	7.2
	Wet Weather	EPL 3293	6.5	0.5	pn onits	рп	Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
EPA Identification	Discharge			F0	mall.	Suspended	Result	<1	<1	<1	2	3	1	1	1	<1	<1	<1
No. 1	Special	Sections P1, L2 & M2		50	mg/L	Solids	Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
	Frequency 1	& M2		NV	V = Visable or	Total Oil	Result	NV	NV	NV	NV	NV	NV	NV	NV	NV	NV	NV
			-	INV	NV = None Visable	& Grease	Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass

### Surface Water Monitoring (June - December 2019)

Location	Esseus	C	I amount insit	Upper Limit	Unit	Description		Event Date	Event Date	Event Date	Event Date	Event Date					
Location	Frequency	Source	Lower Limit	Opper Limit	Onit	Description		13 Jun 2019	14 Jun 2019	24 Jun 2019	25 Jun 2019	26 Jun 2019	27 Jun 2019	8 Jul 2019	9 Jul 2019	8 Jul 2019	9 Jul 2019
			6.5	0.5	pH Units	will	Result	7.1	7.5	6.9	7	6.9	7	7.1	7	7.1	7
	Wet Weather	EPL 3293	0.5	0.5	ph offics	pН	Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
EPA Identification	Discharge			50	ma/l	Suspended	Result	<1	<1	15	22	14	21	<1	<1	<1	<1
No. 1	Special	Sections P1, L2		30	mg/L	Solids	Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
	Frequency 1	& M2		NV	V = Visable or	Total Oil	Result	NV	NV	NV	NV	NV	NV	NV	NV	NV	NV
			-	INV	NV = None Visable	& Grease	Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass

	Comments Regarding Surface Water Monitoring
Comment 1:	Special Frequency 1 means sampling any discharge, whether controlled or otherwise, which has not occured from rainfall exceeding 82.5mm over any consecutive 5 day period.
Comment 2:	No discharge events occured from the site after 9th July 2019

No discharge events occured from the site after 9th July 2019

## **Noise Monitoring Results**

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description		Q1 Sample Date
				37	dB	Day - LAeg (15minute)	Result	<23
168 Wellers Road			-	37	uБ	Day - LAeq (15minute)	Pass / Fail	Pass
	Yearly	EPL 3293		35	dB	Evening - LAeq (15minute)	Result	n/a
EPA Identification		ctions P1, L3 & I	-	35	ав	(18:00 - 22:00 Mon - Sun.)	Pass / Fail	n/a
Point #2			_	37	dB	1.5 hours in 1 operation day	Result	
				37	ub	1.5 flours in 1 operation day	Pass / Fail	

(	Comments regarding no	ise monitoring outcomes
Γ	Comment 1:	Evening noise monitoring not undertaken as the site did not operate in the evening time period.
	Comment 2:	
	Comment 3:	

# Blast Monitoring Results

Note(s)	DNT = Did Not Trigger with overpressure monitoring equipment set at a trigger point of 110 dB
	DNT = Did Not Trigger with ground vibration monitoring equipment set at a trigger point of 0.05 mm/s

	Lower Limit	Upper Limit	Unit	Description		4 Jan 2019	19 Feb 2019	11 Mar 2019	12 Apr 2019	7 May 2019	19 Jun 2019	2 Jul 2019	12 Sep 2019	30 Sep 2019	17 Oct 2019	17 Oct 201
		115	dD (Lin Dook)	Over	Result	DNT	DNT	DNT	DNT	DNT	DNT	DNT	DNT	DNT	DNT	DNT
EPL	-	115	dB (Lin Peak)	Pressure	Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Section L4		-		Ground	Result	DNT	DNT	DNT	DNT	DNT	DNT	DNT	DNT	DNT	DNT	DNT
	-	5	mm/s	Vibration	Docc / Foil	Page	Page	Page	Page	Page	Page	Pass	Page	Page	Pass	Pass
t			EPL	EPL	EPL Pressure Section L4 Ground	EPL Pressure Pass / Fail Section L4 Ground Result	EPL         Pressure         Pass / Fail         Pass           Section L4         5         mm/s         Ground         Result         DNT	EPL         Pressure         Pass / Fail         Pass Pass           Section L4         5         ground         Result         DNT         DNT	EPL         Pressure         Pass / Fail         Pass Pass         Pass Pass           Section L4         5         mm/s         Ground         Result         DNT         DNT         DNT	EPL         Pressure         Pass / Fail         Pass Pass         Pass Pass           Section L4         5         mm/e         Ground         Result         DNT         DNT         DNT	EPL         Pressure         Pass / Fail         Pass Pass         Pass Pass         Pass Pass           Section L4         5         Ground         Result         DNT         DNT         DNT         DNT	EPL Pressure Pass / Fail Pass Pass Pass Pass Pass Pass Pass Section L4 Ground Result DNT	EPL     Pressure     Pass / Fail     Pass   Pass	EPL     Pressure     Pass / Fail     Pass / Pass     Pass / Pass     Pass / Pass / Pass     Pass /	EPL     Pressure     Pass / Fail     Pass   Pass	EPL     Pressure     Pass / Fail     Pass   Pass

## **Annual Blast Monitoring Results**

BM1 Per Blast	BM1 Per Blast	(
BM1	BM1 Per Blast EPL Section L4 5 Mm/s Mover Pressure in High Range 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	(
Section L4	Section L4	_
Coation   Frequency   Source   Lower Limit   Upper Limit   Unit   Blast Count   1   2   3   4   5   6   7   8   9   10	Annual Over Pressure (Pass / Fail)  Pass Pass Pass Pass Pass Pass Pass Pas	Р
BM1 Per Blast EPL - 115 4B (Lin Peak)		•
BM1 Per Blast EPL - 115 4B (Lin Peak)		
PM1 Per Blast EPL - 115 dB (Lin Peak) YTD Ground Vibration in High Range 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		
RM1 Per Riget EPL ' YTD Ground Vibration in High Range 0 0 0 0 0 0 0 0 0 0 0 0	Is Ground Vibration in High Range No	
DWT Pet Blass Section 14 9/ Crowned Vibration in High Pience 09/ 09/ 09/ 09/ 09/ 09/ 09/ 09/ 09/ 09/	PM4   Per Plant   EPL   YTD Ground Vibration in High Range   0   0   0   0   0   0   0   0   0	
- 5 mm/s	Section L4	(
Annual Ground Vibration (Pass / Fail) Pass Pass Pass Pass Pass Pass Pass Pas	Annual Ground Vibration (Pass / Fail) Pass Pass Pass Pass Pass Pass Pass Pas	Р