



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&range=POEO%20licence&prp=no&status=Issued
Date Dataset Updated	Tuesday, January 28, 2020

Surface Water Monitoring Results (EPL 3293)

Surface Water Monitoring (January - June 2019)

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description	Event Date												
							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		
EPA Identification No. 1	Wet Weather Discharge	EPL 3293 Sections P1, L2 & M2	6.5	8.5	pH Units	pH	Result	7.3	7.3	7.5	6.9	7.4	7	7	7	7.2	7.1	7.2	
							Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	
	Special Frequency 1		50	mg/L	Suspended Solids	Result	<1	<1	<1	2	3	1	1	1	<1	<1	<1	<1	
						Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	
	-		NV	V = Visible or NV = None Visible	Total Oil & Grease	Result	NV	NV	NV	NV	NV	NV	NV	NV	NV	NV	NV	NV	NV
						Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	

Surface Water Monitoring (June - December 2019)

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description	Event Date										
							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	
EPA Identification No. 1	Wet Weather Discharge	EPL 3293 Sections P1, L2 & M2	6.5	8.5	pH Units	pH	Result	7.1	7.5	6.9	7	6.9	7	7.1	7	7.1	7
							Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
	Special Frequency 1		50	mg/L	Suspended Solids	Result	<1	<1	15	22	14	21	<1	<1	<1	<1	
						Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass		
	-		NV	V = Visible or NV = None Visible	Total Oil & Grease	Result	NV	NV	NV	NV	NV	NV	NV	NV	NV	NV	
						Pass / Fail	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 occurred from rainfall exceeding 82.5mm over any consecutive 5 day period.
Comment 2:	No discharge events occurred from the site after 9th July 2019
Comment 3:	

Noise Monitoring Results

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description	Q1	
							Result	Sample Date
168 Wellers Road EPA Identification Point #2	Yearly	EPL 3293 Sections P1, L3 & M2	-	37	dB	Day - LAeq (15minute)	Result	<23
							Pass / Fail	Pass
			-	35	dB	Evening - LAeq (15minute) (18:00 - 22:00 Mon - Sun.)	Result	n/a
							Pass / Fail	n/a
			-	37	dB	1.5 hours in 1 operation day	Result	
							Pass / Fail	

Comments regarding noise monitoring outcomes

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

Blast Monitoring Results at BM1 - WOY 2019

Location	Frequency	Source	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 2019			
BM1	Per Blast	EPL Section L4	-	115	dB (Lin Peak)	Over Pressure	DNT	DNT	DNT	DNT	DNT	DNT	DNT	DNT	DNT	DNT	DNT	DNT		
						Result	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	
			5	mm/s	Ground Vibration	DNT	DNT	DNT	DNT	DNT	DNT	DNT	DNT	DNT	DNT	DNT	DNT	DNT	DNT	DNT
					Result	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass

Comments regarding blast monitoring outcomes

Comment 1:	
Comment 2:	
Comment 3:	

Annual Blast Monitoring Results

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Blast Count	1	2	3	4	5	6	7	8	9	10	11			
BM1	Per Blast	EPL Section L4	-	115	dB (Lin Peak)	Is Over Pressure in High Range	No	No	No	No	No	No	No	No	No	No	No	No		
						YTD Over Pressure in High Range	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			5	mm/s	% Over Pressure in High Range	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
					Annual Over Pressure (Pass / Fail)	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
					Is Ground Vibration in High Range	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
-	5	mm/s	YTD Ground Vibration in High Range	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
			% Ground Vibration in High Range	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
			Annual Ground Vibration (Pass / Fail)	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass		

Comments regarding annual blast monitoring outcomes

Comment 1:	
Comment 2:	
Comment 3:	