

Pollution Monitoring Data - Holcim Blacktown Humes (EPL Number 1310)

Facility Address	Lot 1, Woodstock Avenue, Rooty Hill NSW 2766
Link to EPL on Public Register	https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=1310&id=1310&option=licence&searchrange=licence⦥=POEO%20licence&prp=no&status=Issued
Date Dataset Updated	Tuesday, June 30, 2020
Date Dataset Published	Friday, July 3, 2020
Reporting Period	1st May 2019 to 30th April 2020

Surface Water Monitoring Results

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Desc	ription	Event Date 6/5/2019	Event Date 7/5/2019	Event Date 8/5/2019	Event Date 9/5/2019	Event Date 11/5/2019	Event Date 6/6/2019
Discharge Point 1	nt 1 Paily During EPL 6.5 8.5	pН	pН	Result Pass / Fail	6.9 Pass	6.9 Pass	6.8 Pass	6.8 Pass	6.7 Pass	6.8 Pass			
Settling pond on eastern boundary	Discharge	Section P1.2 Section L2.4 Section M2.2	-	50	mg/L	Suspended Solids	Result Pass / Fail	34 Pass	39 Pass	32 Pass	23 Pass	29 Pass	58 Pass

Location	Evenuency	Source	Lower Limit	Upper Limit	Unit	Unit Description		Event Date	Event Date	Event Date	Event Date	Event Date	Event Date
Location	Frequency	Source	Lower Limit	Opper Limit	Offic			Description		7/6/2019	11/6/2019	12/6/2019	13/6/2019
Discharge		EPL	6.5	8.5	рН	рН	Result	6.8	6.7	6.8	6.8	6.5	6.9
Point 1	Daily During		0.5	6.5	рп	рп	Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass
Settling pond on eastern	Discharge Section P	Section P1.2 Section L2.4 Section M2.2	-	50	mg/L	Suspended	Result	42	29	80	72	59	44
boundary				50		Solids	Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Descr	ription	Event Date 18/6/2019	Event Date 19/6/2019	Event Date 20/6/2019	Event Date 21/6/2019	Event Date 26/6/2019	Event Date 21/6/2019
Discharge		EPL	6.5	0.5	nl l	nll	Result	6.9	6.1	6.9	6.7	6.9	6.7
Point 1	Daily During		0.5	8.5	рН	pН	Pass / Fail	Pass	Fail	Pass	Pass	Pass	Pass
Settling pond on eastern	Discharge Se	Section P1.2 Section L2.4 Section M2.2		50	ma/l	Suspended	Result	43	40	27	27	44	27
boundary			=	50	mg/L	Solids	Pass / Fail	Pass	Fail	Pass	Pass	Pass	Pass

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description		Event Date 26/6/2019	Event Date 1/7/2019	Event Date 15/7/2019	Event Date 16/7/2019	Event Date 5/9/2019	Event Date 9/9/2019
Discharge		EPL	6.5	8.5	pH	pH	Result	6.9	7.1	6.9	6.9	6.7	6.8
Point 1	Daily During		0.5	6.5	рп	рп	Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass
Settling pond on eastern	Discharge	Discharge Section F1.2 Section L2.4	ction L2.4	50		Suspended	Result	44	38	25	26	33	40
boundary			-	50	mg/L	Solids	Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass

Location	Evanuanav	Cauras	I avvan I imit	Hanna Limit	pper Limit Unit		Description		Event Date	Event Date	Event Date	Event Date	Event Date
Location	Frequency	Source	Lower Limit	Upper Limit	Onit	Description		23/9/2019	1/10/2019	9/10/2019	14/10/2019	28/10/2019	7/11/2019
Discharge		EPL	6.5	8.5	рН	pН	Result	6.9	6.9	6.9	6.9	6.9	6.9
Point 1	Daily During		0.5	6.5	рπ	рп	Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass
Settling pond on eastern	Discharge	Discharge Section P1.2 Section L2.4	ma/l	Suspended	Result	25	29	29	33	30	39		
boundary		Section M2.2	-	50 mg/L		Solids Solids		Pass	Pass	Pass	Pass	Pass	Pass

Location	Engage	Cauras	Lower Limit Upper Limit		Unit	Danes	intinu	Event Date					
Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description		13/11/2019	14/11/2019	29/1/2020	30/1/2020	12/2/2020	18/2/2020
Discharge		EPL	6.5	8.5	На	pН	Result	6.9	6.9	6.7	6.9	7.0	7.0
Point 1	Daily During		0.5	0.5	рп	pri	Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass
Settling pond on eastern	Discharge Section Sect	Section P1.2 Section L2.4	1	50	/I	Suspended	Result	27	38	28	30	41	33
boundary	Section M2.2		50	mg/L	Solids	Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass	

Location	Evenuency	Source	Lower Limit	Hanny Limit	Harit	Unit Description		Event Date	Event Date				
Location	Frequency	Source	Lower Limit	Upper Limit	Onit			Description		25/2/2020	11/3/2020	12/3/2020	31/3/2020
Discharge		EPL	6.5	8.5	На	pН	Result	7.3	7.8	8.3	8.2	8.3	8.3
Point 1	Daily During	Section P1.2	0.5	0.5	рп	Pil	Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass
Settling pond on eastern	Discharge	Section L2.4	Section L2.4	ma/I	Suspended	Result	30	39	35	32	35	38	
boundary		Section M2.2 - 50		mg/L	Solids	Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass	

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Descr	iption	Event Date 21/4/2020	Event Date				
Discharge Point 1		EPL	6.5	8.5	pН	рН	Result	8.5					
	Daily During	Section P1.2			Pil		Pass / Fail	Pass					
Settling pond on eastern	Discharge Section P1.	Section L2.4		50		Suspended	Result	39					
boundary	Section M2.2 - 50 mg/		mg/L	mg/L Solids		Pass							

	Comments regarding the surface water monitoring outcomes in the fields below
Comment 1:	EPL requires that water is tested > 24hrs prior to potentially discharging (EPL Clause M2.2). The monitoring results displayed in the table have been taken when the water level in the settling pond has been high and discharge may have been required should a further rain event occur. It is not a measure of the actual discharge water quality although it is considered likely that discharge water quality would be better than the monitoring outcomes as supended solids would have additional retention time between the time of monitoring and the actual time of discharge.
Comment 2:	Discharge from the Blacktown factory is a pumped flow and systems are in place to ensure pumping does not commence until compliant water quality results have been returned for the settlement pond.
Comment 3:	Although the outcomes for pH and suspended solids at the settlelemt pond on the 19th June 2019 exceed the acceptance criteria, systems were triggered to ensure no discharge of this water to the offsite environment occured.