



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&range=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	Description	Event Date	Event Date	Event Date	Event Date	Event Date	Event Date	
							6/5/2019	7/5/2019	8/5/2019	9/5/2019	11/5/2019	6/6/2019	
Discharge Point 1 Settling pond on eastern boundary	Daily During Discharge	EPL Section P1.2 Section L2.4 Section M2.2	6.5	8.5	pH	pH	Result	6.9	6.9	6.8	6.8	6.7	6.8
						Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass	
			-	50	mg/L	Suspended Solids	Result	34	39	32	23	29	58
						Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass	

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description	Event Date	Event Date	Event Date	Event Date	Event Date	Event Date	
							7/6/2019	11/6/2019	12/6/2019	13/6/2019	14/6/2019	17/6/2019	
Discharge Point 1 Settling pond on eastern boundary	Daily During Discharge	EPL Section P1.2 Section L2.4 Section M2.2	6.5	8.5	pH	pH	Result	6.8	6.7	6.8	6.8	6.5	6.9
						Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass	
			-	50	mg/L	Suspended Solids	Result	42	29	80	72	59	44
						Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass	

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description	Event Date	Event Date	Event Date	Event Date	Event Date	Event Date	
							18/6/2019	19/6/2019	20/6/2019	21/6/2019	26/6/2019	21/6/2019	
Discharge Point 1 Settling pond on eastern boundary	Daily During Discharge	EPL Section P1.2 Section L2.4 Section M2.2	6.5	8.5	pH	pH	Result	6.9	6.1	6.9	6.7	6.9	6.7
						Pass / Fail	Pass	Fail	Pass	Pass	Pass	Pass	
			-	50	mg/L	Suspended Solids	Result	43	40	27	27	44	27
						Pass / Fail	Pass	Fail	Pass	Pass	Pass	Pass	

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description	Event Date	Event Date	Event Date	Event Date	Event Date	Event Date		
							21/4/2020							
Discharge Point 1 Settling pond on eastern boundary	Daily During Discharge	EPL Section P1.2 Section L2.4 Section M2.2	6.5	8.5	pH	pH	Result	8.5						
							Pass / Fail	Pass						
			-	50	mg/L	Suspended Solids	Result	39						
							Pass / Fail	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 suspended 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 settlement pond on the 19th June 2019 exceed the acceptance criteria, systems were triggered to ensure no discharge of this water to the offsite environment occurred.