

Stack - 2023 (Quarterly)

Lafarge Canada Inc.

Permit: 0154 / Due Date: July 31, 2023

035 - Cement kiln, preheater, precalciner, coal mill, raw mill, clinker cooler, homogenization silo extract (57-AIF-01 & 53-AIF-01)					
Hydrogen Chloride					
Test Dates:	Apr 13, 2023	Apr 13, 2023	Apr 14, 2023		
Test Results:	3.1300 mg/m3	3.7700 mg/m3	8.3400 mg/m3		
Average of Test Results:	5.08 mg/m3				
Contaminant Permit Limit:	50.0000 mg/m3				
Test Result Comments:	Raw mill is down on April 14				
Flow Results:	5740.000 m3/min	5660.000 m3/min	5620.000 m3/min		
Average of Flow Results:	5673.333 m3/min				
Permitted Flow Limit:	6200.00 m3/min				
Flow Result Comments:					
Particulate Matter					
Test Dates:	Apr 13, 2023	Apr 13, 2023	Apr 14, 2023		
Test Results:	1.6300 mg/m3	1.2500 mg/m3	2.2600 mg/m3		
Average of Test Results:	1.713 mg/m3				
Contaminant Permit Limit:	25.0000 mg/m3				
Test Result Comments:	Raw mill is down on April 14				
Flow Results:	5740.000 m3/min	5660.000 m3/min	5620.000 m3/min		
Average of Flow Results:	5673.333 m3/min				
Permitted Flow Limit:	6200.00 m3/min				
Flow Result Comments:					
Trace Metals:Class I (Pb, Sb, Cu, Mn, V, Zn)					
Test Dates:	Apr 13, 2023	Apr 13, 2023	Apr 14, 2023		
Test Results:	0.4631 mg/m3	0.0162 mg/m3	0.2066 mg/m3		
Average of Test Results:	0.229 mg/m3				
Contaminant Permit Limit:	1.5000 mg/m3				
Test Result Comments:	Raw mill is down on April 14				
Flow Results:	5740.000 m3/min	5660.000 m3/min	5620.000 m3/min		
Average of Flow Results:	5673.333 m3/min				
Permitted Flow Limit:	6200.00 m3/min				
Flow Result Comments:					

Trace Metals:Class II (As, Cr, Co, Ni, Se, Te)					
Test Dates:	Apr 13, 2023	Apr 13, 2023	Apr 14, 2023		
Test Results:	0.0043 mg/m3	0.0044 mg/m3	0.0036 mg/m3		
Average of Test Results:	0.004 mg/m3				
Contaminant Permit Limit:	0.5000 mg/m3				
Test Result Comments:	Raw mill is down on April 14				
Flow Results:	5740.000 m3/min	5660.000 m3/min	5620.000 m3/min		
Average of Flow Results:	5673.333 m3/min				
Permitted Flow Limit:	6200.00 m3/min				
Flow Result Comments:					
Trace Metals:Class III (Tl, Cd, Hg)					
Test Dates:	Apr 13, 2023	Apr 13, 2023	Apr 14, 2023		
Test Results:	0.0060 mg/m3	0.0062 mg/m3	0.0477 mg/m3		
Average of Test Results:	0.02 mg/m3				
Contaminant Permit Limit:	0.1500 mg/m3				
Test Result Comments:	Raw mill is down on April 14				
Flow Results:	5740.000 m3/min	5660.000 m3/min	5620.000 m3/min		
Average of Flow Results:	5673.333 m3/min				
Permitted Flow Limit:	6200.00 m3/min				
Flow Result Comments:					