

Dust Monitoring Results Nov 2015 - 2016

	D1	D2	D3	D4	
November 15	North	South	East	West	Control
Insoluble Solids	0.80	1.30	1.50	1.20	
Soluble Solids	1.00	0.90	0.40	0.60	0.00
Ash Content	0.30	0.59	1.00	0.67	
Combustible Material	0.50	0.71	0.50	0.53	
Total Solids -180C	1.80	2.20	1.90	1.80	

December 15	North	South	East	West	Control
Insoluble Solids	1.30	1.10	4.50	1.30	
Soluble Solids	0.30	1.20	0.00	0.70	0.00
Ash Content	0.81	0.55	4.08	1.01	
Combustible Material	0.49	0.55	0.42	0.29	
Total Solids -180C	1.60	2.30	4.50	2.00	

January 16	North	South	East	West	Control
Insoluble Solids	1.90	1.20		1.20	
Soluble Solids	2.10	1.20	0.00	1.20	0.00
Ash Content	1.25	0.60		0.71	
Combustible Material	0.65	0.60		0.49	
Total Solids -180C	4.00	2.40		2.40	

February 16	North	South	East	West	Control
Insoluble Solids	0.90	0.70	1.70	0.60	
Soluble Solids	0.00	0.00	0.00	0.00	0.00
Ash Content	0.58	0.47	1.20	0.39	
Combustible Material	0.32	0.23	0.50	0.21	
Total Solids -180C	0.90	0.70	1.70	0.60	

March 16	North	South	East	West	Control
Insoluble Solids	0.90	0.70	1.70	0.60	
Soluble Solids	0.00	0.00	0.00	0.00	0.00
Ash Content	0.58	0.47	1.20	0.39	
Combustible Material	0.32	0.23	0.50	0.21	
Total Solids -180C	0.90	0.70	1.70	0.60	

April 16	North	South	East	West	Control
Insoluble Solids	0.90	0.90	5.40	1.40	
Soluble Solids	0.00	0.00	0.00	0.00	0.00
Ash Content	0.68	0.75	5.03	1.21	
Combustible Material	0.22	0.20	0.37	0.20	
Total Solids -180C	0.90	0.90	5.40	1.40	

May 16	North	South	East	West	Control
Insoluble Solids	0.80	0.40	3.90	1.50	
Soluble Solids	0.00	0.00	0.00	0.00	0.00
Ash Content	0.48	0.34	3.66	0.77	
Combustible Material	0.34	0.20	0.24	0.73	
Total Solids -180C	0.80	0.40	3.90	1.50	

June 16	North	South	East	West	Control
Insoluble Solids	3.60	1.00	3.30	2.90	
Soluble Solids	0.00	0.00	0.00	0.00	0.00
Ash Content	2.79	0.60	2.93	1.29	
Combustible Material	0.81	0.40	0.37	1.61	
Total Solids -180C	3.60	1.00	3.30	2.90	

July 16	North	South	East	West	Control
Insoluble Solids	1.40	0.70	2.80	1.40	
Soluble Solids	0.40	0.00	0.30	0.00	0.00
Ash Content	1.06	0.51	2.60	1.05	
Combustible Material	0.37	0.20	0.30	0.35	
Total Solids -180C	1.80	0.70	3.10	1.40	

August 16	North	South	East	West	Control
Insoluble Solids	1.20	0.70	3.00	0.80	
Soluble Solids	-1.00	-0.50	-2.80	-0.60	0.00
Ash Content	0.80	0.54	2.76	0.56	
Combustible Material	0.40	0.20	0.24	0.24	
Total Solids -180C	0.20	0.20	0.20	0.20	

September 16	North	South	East	West	Control
Insoluble Solids	1.30	0.50	1.20	0.70	
Soluble Solids	0.90	0.00	0.00	0.00	0.00
Ash Content	0.35	0.28	0.98	0.22	
Combustible Material	0.95	0.22	0.22	0.48	
Total Solids -180C	2.20	0.50	1.20	0.70	

October	North	South	East	West	Control
Insoluble Solids	1.00	0.90	2.40	0.80	
Soluble Solids	0.30	0.00	0.00	0.00	0.00
Ash Content	0.42	0.50	2.02	0.46	
Combustible Material	0.58	0.40	0.38	0.34	
Total Solids -180C	1.30	0.90	2.40	0.80	

ANNUAL AVERAGE	North	South	East	West	Control
Insoluble Solids	1.33	0.84	2.62	1.20	-
Soluble Solids	0.33	0.23	0.18	0.16	-
Ash Content	0.84	0.52	2.29	0.73	-
Combustible Material	0.50	0.35	0.34	0.47	-
Total Solids -180C	1.67	1.08	2.44	1.36	-

License Condition Number 17					
The applicant shall take all practicable steps to manage the quarry's operations					
	D1	D2	D3	D4	0
MAX of	North	South	East	West	
Insoluble Solids	3.60	1.30	5.40	2.90	
Soluble Solids	2.10	1.20	0.40	1.20	
Ash Content	2.79	0.75	5.03	1.29	
Combustible Material	0.95	0.71	0.50	1.61	
Total Solids -180C	4.00	2.40	5.40	2.90	
Min of					
Insoluble Solids	0.80	0.40	1.20	0.60	
Soluble Solids	-1.00	-0.50	-2.80	-0.60	
Ash Content	0.30	0.28	0.98	0.22	
Combustible Material	0.22	0.20	0.22	0.20	
Total Solids -180C	0.20	0.20	0.20	0.20	