

Hollinger Public Blast Report

Blast Pattern: 3370_010
Date: December 11, 2014
Blast Time: 13:36
Blast Sign Activation: 12:00
Website Notification Time: 07:30

Blast Conditions

Ceiling Height: >4000 m
 Boundary Layer Height: >4000 m
 Cloud Cover: 0% (Clear)
 Wind Speed: 5 km/hr
 Wind Direction: NW
 Temperature: -7.2°C

Noise Levels (L_{Aeq}) – Noise Monitoring Instruments Reviewed:

Noise Alert: Exceedances due to blast siren

Blast Siren Locations:

- 1: Hollinger Office**
- 2: Shania Twain**
- 3: Extencicare**

	L_{Aeq}	L_{Peak}
Comfort Inn:	53.2 L _{Aeq}	100.2 dB
Edwards:	48.3 L _{Aeq}	86.8 dB
Fred:	45.7 L _{Aeq}	95.7 dB
Hollinger Office:	56.6 L _{Aeq}	105.0 dB
Noah:	59.0 L _{Aeq}	99.4 dB
Sandy:	62.8 L _{Aeq}	103.7 dB
Water Tower:	Off (Due to construction work and painting)	
Wilson:	47.4 L _{Aeq}	100.6 dB

Dust Levels (µg/m³) – Dust Monitoring Instruments Reviewed:

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.1	7.6	12.1	12.5
Edwards:	0.9	0.9	7.1	8.1
Hollinger Office:	1.2	1.3	7.7	9.0
Hollinger Park:	1.2	1.4	10.2	14.1
Sandy:	2.1	2.9	9.0	17.0

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NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

	Avg. NO _x	Max NO _x
Claimpost:	0.7	0.9
Edwards:	4.7	6.4
Hollinger Office:	10.8	15.9
Hollinger Park:	17.5	25.0
Sandy:	13.1	33.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.4	0.4	0.6
Hollinger West:	0.4	0.3	0.3
Imerys:	0.5	0.8	0.5
Noah:	0.5	0.5	0.6
Moneta Pumping Station:	0.8	0.6	0.7
Sandy:	8.9	5.0	8.1
Water Tower:	Off (Due to construction work and painting)		
Wilson:	1.6	1.1	1.0