

Hollinger Public Blast Report

Blast Pattern: 3388_029

Date: Oct 6, 2014

Blast Time: 15:35

Blast Sign Activation: 07:45

Website Notification Time: 07:30

Blast Conditions

Ceiling Height: 2470m

Boundary Layer Height: 1900m

Cloud Cover: 50% (Partly Cloudy)

Wind Speed: 16 km/hr

Wind Direction: S

Temperature: 10.1 °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:	58.7 L _{Aeq}	98.4 dB
Edwards:	52.0 L _{Aeq}	111.1 dB
Fred:	48.9 L _{Aeq}	107.4 dB
Hollinger Office:	61.4 L _{Aeq}	113.4 dB
Noah:	64.0 L _{Aeq}	109.1 dB
Sandy:	69.5 L _{Aeq}	99.9 dB
Water Tower:	Off (Due to painting of the water tower)	
Wilson:	53.4 L _{Aeq}	106.3 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost	5.2	5.7	12.8	13.9
Edwards:	5.5	6.1	9.2	10.2
Hollinger Office:	5.4	6.5	10.4	12.9
Hollinger Park:	7.9	11.5	26.1	41.9
Sandy:	6.3	8.9	10.8	12.6

Hollinger Public Blast Report

NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded.

	Avg. NO _x	Max NO _x
Claimpost:	1.5	3.5
Edwards:	1.5	2.5
Hollinger Office:	1.8	4.0
Hollinger Park:	2.0	3.6
Sandy:	1.0	2.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.2
Edwards:	0.4	0.2	0.3
Hollinger Office:	0.1	0.1	0.1
Hollinger West:	0.1	0.0	0.1
Imerys:	0.3	0.2	0.2
Noah:	0.2	0.3	0.4
Moneta Pumping Station:	0.5	0.3	0.8
Sandy:	1.0	0.9	1.7
Water Tower:	Off (Due to painting of the water tower)		
Wilson:	0.5	0.3	0.3