

Hollinger Public Blast Report

Blast Pattern: 3388_015 & 3388_018 (Blast Under Investigation)
Date: July 22, 2014
Blast Time: 11:39
Blast Sign Activation: 08:30
Website Notification Time: 08:30

Blast Conditions

Ceiling Height: >4000 m
 Boundary Layer Height: 1830 m
 Cloud Cover: 100% (Overcast)
 Wind Speed: 12 km/hr
 Wind Direction: SW
 Temperature: 25.0 °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: Extendicare**

	L_{Aeq}	L_{Peak}
Comfort Inn:	55.8 L _{Aeq}	121.6 dB
Edwards:	62.6 L _{Aeq}	120.1 dB
Fred:	53.2 L _{Aeq}	105.9 dB
Hollinger Office:	63.7 L _{Aeq}	127.3 dB
Noah:	61.1 L _{Aeq}	115.4 dB
Sandy:	70.7 L _{Aeq}	100.9 dB
Water Tower:	58.2 L _{Aeq}	116.8 dB
Wilson:	52.5 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
Edwards:	19.5	20.3	37.4	39.9
Hollinger Office:	22.1	23.5	36.7	42.7
Hollinger Park:	18.0	19.5	40.8	47.4
Sandy:	n/a	n/a	n/a	n/a

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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
GC1-379 (Hollinger Park):	1.9	2.5
GC2-380 (Hollinger Office):	5.6	10.1
GC3-381 (Edwards):	2.3	3.7
GC4-382 (Sandy):	n/a	n/a

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.3
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.3	0.2	0.2
Hollinger West:	0.1	0.1	0.1
Imerys:	0.2	0.1	0.1
Noah:	0.2	0.3	0.2
Moneta Pumping Station:	0.2	0.1	0.2
Sandy:	0.9	0.3	0.5
Water Tower:	0.3	0.3	0.5
Wilson:	0.5	0.4	0.3