

Hollinger Public Blast Report

Blast Pattern: 3388_016
Date: July 10, 2014
Blast Time: 15:43
Blast Sign Activation: 12:15
Website Notification Time: 08:00

Blast Conditions

Ceiling Height: 2690 m
 Boundary Layer Height: 2800 m
 Cloud Cover: 25% (Partly Cloudy)
 Wind Speed: 4 km/hr
 Wind Direction: S
 Temperature: 21.0°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**

	LA_{eq}	L_{Peak}
Comfort Inn:	53.1 L _{Aeq}	109.9 dB
Edwards:	61.4 L _{Aeq}	106.3 dB
Fred:	52.8 L _{Aeq}	99.0 dB
Hollinger Office:	65.9 L _{Aeq}	114.5 dB
Noah:	61.5 L _{Aeq}	104.0 dB
Sandy:	63.7 L _{Aeq}	98.3 dB
Water Tower:	59.4 L _{Aeq}	109.8 dB
Wilson:	51.4 L _{Aeq}	103.0 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Edwards:	9.7	14.6	3.2	19.1
Hollinger Office:	11.6	16.7	20.9	31.6
Hollinger Park:	12.5	17.6	23.8	33.6
Sandy:	5.2	6.3	17.9	19.9

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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):	3.9	12.4
GC2-380 (Hollinger Office):	3.1	8.0
GC3-381 (Hollinger Park):	2.2	8.4
GC4-382 (Sandy):	0.8	1.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.1	0.5
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.2	0.2	0.2
Hollinger West:	0.0	0.0	0.0
Imerys:	0.2	0.1	0.3
Noah:	0.2	0.3	0.2
Moneta Pumping Station:	0.5	0.2	0.3
Sandy:	0.8	0.5	1.2
Water Tower:	0.1	0.1	0.2
Wilson:	0.2	0.1	0.1