

Hollinger Public Blast Report

Date: May 7, 2014
Blast Time: 11:30
Blast Sign Activation: 07:45
Website Notification Time: 07:30

Blast Conditions

Ceiling Height: <4000m
Boundary Layer Height: 3370m
Cloud Cover: Partly Clear
Wind Speed: 9 km/hr
Wind Direction: SSE
Temperature: 11.9 °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**

Comfort Inn: 53.6 L_{Aeq}
Edwards: 50.2 L_{Aeq}
Fred: 37.9 L_{Aeq}
Hollinger Office: 68.3 L_{Aeq}
Noah: 60.2 L_{Aeq}
Sandy: 69.6 L_{Aeq}
Water Tower: 47.2 L_{Aeq}
Wilson: 48.7 L_{Aeq}

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Edwards:	9.0	10.4	24.4	27.2
Hollinger Office:	19.2	28.9	22.0	51.7
Hollinger Park:	18.0	22.5	17.0	26.7
Sandy:	8.5	10.3	17.8	22.6

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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):	1.0	1.4
GC2-380 (Hollinger Office):	3.1	8.2
GC3-381 (Hollinger Park):	1.9	6.9
GC4-382 (Sandy):	0.8	1.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.0	0.0	0.0
Edwards:	0.3	0.2	0.1
Hollinger Office:	0.4	0.3	0.5
Hollinger West:	0.0	0.1	0.1
Imerys:	0.3	0.2	0.2
Moneta Pumping Station:	0.4	0.3	0.4
Sandy:	0.8	0.5	1.2
Water Tower:	0.1	0.1	0.2
Wilson:	0.6	0.4	0.5