

Hollinger Public Blast Report

Date: April 17, 2014

Blast Time: 15:31

Blast Sign Activation: 08:00

Website Notification Time: 08:00

Blast Conditions

Ceiling Height: 460 m

Boundary Layer Height: 160 m

Cloud Cover: 100% (Cloudy)

Wind Speed: 13.8 km/hr

Wind Direction: SE

Temperature: 1.2°C

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

Noise Alert: No Exceedances due to blast sirens.

Blast Siren Locations:

1: Hollinger Office

2: Shania Twain

3: Extendicare

Comfort Inn: 58.2 dB

Edwards: 50.7 dB

Fred: 42.9 dB

Hollinger Office: 64.4 dB

Noah: 59.0 dB

Sandy: 66.9 dB

Water Tower: 54.1 dB

Wilson: 52.7 dB

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

Dust Alert: No Exceedances.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Edwards:	6.9	7.6	24.9	26.5
Hollinger Office:	10.2	12.0	14.5	16.9
Hollinger Park:	6.3	7.1	15.4	18.7
Sandy:	4.0	5.1	15.7	18.6

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NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No Exceedances

	Avg. NO _x	Max NO _x
GC1-379 (Hollinger Park):	2.0	3.3
GC2-380 (Hollinger Office):	3.1	5.0
GC3-381 (Hollinger Park):	2.9	6.0
GC4-382 (Sandy):	0.7	1.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No Exceedances

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.0	0.0	0.0
Edwards:	0.1	0.2	0.2
Hollinger Office:	0.2	0.2	0.2
Hollinger West:	0.0	0.1	0.1
Imerys:	0.2	0.1	0.1
Moneta Pumping Station:	0.2	0.1	0.2
Sandy:	1.0	0.6	0.8
Water Tower:	0.1	0.1	0.1
Wilson:	0.2	0.2	0.3