

Hollinger Public Blast Report

Blast Pattern: 3382_006

Date: June 13, 2014

Blast Time: 15:30

Blast Sign Activation: 08:00

Website Notification Time: 08:15

Blast Conditions

Ceiling Height: 1620m

Boundary Layer Height: 2080m

Cloud Cover: 100% (Overcast)

Wind Speed: 9 km/hr

Wind Direction: NW

Temperature: 18.3 °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:	58.4 L _{Aeq}
Edwards:	56.5 L _{Aeq}
Fred:	49.6 L _{Aeq}
Hollinger Office:	61.4 L _{Aeq}
Noah:	62.4 L _{Aeq}
Sandy:	68.9 L _{Aeq}
Water Tower:	58.5 L _{Aeq}
Wilson:	51.9 L _{Aeq}

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Edwards:	29.4	78.6	31.3	112.4
Hollinger Office:	19.5	31.8	18.7	33.7
Hollinger Park:	38.9	72.7	46.2	78.1
Sandy:	23.7	60.4	34.9	101.8

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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):	2.0	4.4
GC2-380 (Hollinger Office):	3.1	6.6
GC3-381 (Hollinger Park):	3.7	7.4
GC4-382 (Sandy):	2.0	2.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.0	0.1	0.1
Edwards:	0.3	0.2	0.2
Hollinger Office:	0.2	0.1	0.3
Hollinger West:	0.0	0.0	0.0
Imerys:	0.2	0.2	0.1
Noah:	0.2	0.2	0.3
Moneta Pumping Station:	0.3	0.3	0.4
Sandy:	1.0	0.5	1.2
Water Tower:	0.1	0.1	0.2
Wilson:	0.3	0.2	0.1