

Hollinger Public Blast Report

Blast Pattern: 3394_024

Date: June 15, 2014

Blast Time: 15:31

Blast Sign Activation: 07:10

Website Notification Time: 07:15

Blast Conditions

Ceiling Height: >4000m

Boundary Layer Height: 3190m

Cloud Cover: 100% (Overcast)

Wind Speed: 9 km/hr

Wind Direction: SE

Temperature: 17.6 °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:	62.3 L _{Aeq}
Edwards:	48.8 L _{Aeq}
Fred:	44.2 L _{Aeq}
Hollinger Office:	60.8 L _{Aeq}
Noah:	59.1 L _{Aeq}
Sandy:	66.1 L _{Aeq}
Water Tower:	58.3 L _{Aeq}
Wilson:	52.5 L _{Aeq}

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Edwards:	6.6	7.4	7.9	9.1
Hollinger Office:	9.5	15.7	13.0	22.3
Hollinger Park:	11.3	22.8	18.6	39.6
Sandy:	10.5	20.0	7.8	12.4

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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	1.3
GC2-380 (Hollinger Office):	2.9	10.2
GC3-381 (Hollinger Park):	2.6	4.3
GC4-382 (Sandy):	0.9	6.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

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