

Hollinger Public Blast Report

Blast Pattern: 3394_019

Date: June 2, 2014

Blast Time: 15:50

Blast Sign Activation: 08:00

Website Notification Time: 08:00

Blast Conditions

Ceiling Height: 150m

Boundary Layer Height: none

Cloud Cover: 100% (Overcast)

Wind Speed: 10 km/hr

Wind Direction: E

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:	60.1 L _{Aeq}
Edwards:	49.4 L _{Aeq}
Fred:	46.2 L _{Aeq}
Hollinger Office:	66.3 L _{Aeq}
Noah:	62.7 L _{Aeq}
Sandy:	68.5 L _{Aeq}
Water Tower:	55.2 L _{Aeq}
Wilson:	52.4 L _{Aeq}

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Edwards:	25.0	29.3	54.1	56.3
Hollinger Office:	25.6	29.5	42.5	45.1
Hollinger Park:	28.5	38.5	57.3	76.2
Sandy:	18.9	23.4	44.4	47.2

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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):	2.6	3.1
GC2-380 (Hollinger Office):	4.4	11.7
GC3-381 (Hollinger Park):	7.0	21.7
GC4-382 (Sandy):	7.9	16.7

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	0.0
Hollinger Office:	0.4	0.4	0.4
Hollinger West:	0.0	0.0	0.0
Imerys:	0.2	0.2	0.1
Moneta Pumping Station:	0.3	0.1	0.1
Sandy:	0.5	0.3	0.6
Water Tower:	0.1	0.1	0.1
Wilson:	0.4	0.3	0.3