

Hollinger Public Blast Report

Blast Pattern: 3388_006

Date: June 14, 2014

Blast Time: 15:32

Blast Sign Activation: 07:10

Website Notification Time: 07:15

Blast Conditions

Ceiling Height: 1140m

Boundary Layer Height: 970m

Cloud Cover: 100% (Overcast)

Wind Speed: 9 km/hr

Wind Direction: N

Temperature: 13.6 °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:	56.5 L _{Aeq}
Edwards:	54.3 L _{Aeq}
Fred:	54.4 L _{Aeq}
Hollinger Office:	63.3 L _{Aeq}
Noah:	66.4 L _{Aeq}
Sandy:	63.5 L _{Aeq}
Water Tower:	52.7 L _{Aeq}
Wilson:	51.2 L _{Aeq}

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Edwards:	3.6	4.6	3.9	5.9
Hollinger Office:	3.2	4.7	3.2	5.0
Hollinger Park:	4.3	5.4	7.5	10.6
Sandy:	6.0	11.5	7.8	16.0

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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):	0.5	0.7
GC2-380 (Hollinger Office):	2.0	4.9
GC3-381 (Hollinger Park):	2.2	6.0
GC4-382 (Sandy):	2.1	3.3

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:	0.3	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:	0.1	0.1	0.3
Moneta Pumping Station:	0.2	0.2	0.4
Sandy:	0.6	0.4	0.5
Water Tower:	0.2	0.0	0.1
Wilson:	0.2	0.2	0.1