

Hollinger Public Blast Report

Blast Pattern: 3388_010

Date: June 21, 2014

Blast Time: 15:43

Blast Sign Activation: 08:00

Website Notification Time: 08:00

Blast Conditions

Ceiling Height: n/a

Boundary Layer Height: n/a

Cloud Cover: 0% (Clear)

Wind Speed: 5 km/hr

Wind Direction: NE

Temperature: 23.7 °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: Extencicare

Comfort Inn:	53.6 L_{Aeq}
Edwards:	44.7 L_{Aeq}
Fred:	45.6 L_{Aeq}
Hollinger Office:	53.6 L_{Aeq}
Noah:	58.7 L_{Aeq}
Sandy:	52.1 L_{Aeq}
Water Tower:	46.9 L_{Aeq}
Wilson:	53.0 L_{Aeq}

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Edwards:	8.2	9.9	1.7	14.1
Hollinger Office:	9.8	15.1	12.7	29.9
Hollinger Park:	8.0	10.2	15.4	21.6
Sandy:	11.4	39.7	18.9	42.8

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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):	0.7	0.9
GC2-380 (Hollinger Office):	2.8	19.0
GC3-381 (Hollinger Park):	0.8	1.4
GC4-382 (Sandy):	2.4	12.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.0	0.0	0.1
Edwards:	0.1	0.2	0.2
Hollinger Office:			
Hollinger West:	0.1	0.0	0.1
Imerys:	0.2	0.2	0.2
Noah:	0.2	0.3	0.3
Moneta Pumping Station:	0.5	0.2	0.7
Sandy:	1.0	0.5	1.4
Water Tower:	0.2	0.0	0.2
Wilson:	0.4	0.3	0.3