

Hollinger Public Blast Report

Blast Pattern: 3382_002 & 3370_003

Date: June 1, 2014

Blast Time: 15:35

Blast Sign Activation: 08:00

Website Notification Time: 08:00

Blast Conditions

Ceiling Height: 2960m

Boundary Layer Height: 1570 m

Cloud Cover: 75% (cloudy)

Wind Speed: 13 km/hr

Wind Direction: SW

Temperature: 26.1 °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:	54.0 L_{Aeq}
Edwards:	61.3 L_{Aeq}
Fred:	45.5 L_{Aeq}
Hollinger Office:	62.5 L_{Aeq}
Noah:	60.9 L_{Aeq}
Sandy:	70.2 L_{Aeq}
Water Tower:	60.8 L_{Aeq}
Wilson:	50.8 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:	23.2	27.0	48.1	59.8
Hollinger Office:	43.9	67.7	45.9	85.6
Hollinger Park:	45.7	59.2	49.3	71.1
Sandy:	37.7	62.7	51.8	68.2

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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):	1.8	2.5
GC2-380 (Hollinger Office):	2.1	3.5
GC3-381 (Hollinger Park):	0.6	0.7
GC4-382 (Sandy):	1.2	1.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.0	0.0	0.0
Edwards:	0.3	0.3	0.3
Hollinger Office:	0.2	0.2	0.2
Hollinger West:	0.1	0.1	0.1
Imerys:	0.2	0.5	0.3
Moneta Pumping Station:	0.5	0.2	0.4
Sandy:	1.3	1.2	1.3
Water Tower:	1.2	0.3	0.6
Wilson:	0.6	0.5	0.6