

Hollinger Public Blast Report

Blast Pattern: 3364_004 & 3364_005

Date: June 30, 2014

Blast Time: 15:37

Blast Sign Activation: 08:00

Website Notification Time: 07:30

Blast Conditions

Ceiling Height: >710m

Boundary Layer Height: 1020m

Cloud Cover: 50% (Partly Cloudy)

Wind Speed: 21.6 km/hr

Wind Direction: NW

Temperature: 28.2 °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:	56.8 L_{Aeq}
Edwards:	53.6 L_{Aeq}
Fred:	54.5 L_{Aeq}
Hollinger Office:	60.3 L_{Aeq}
Noah:	60.6 L_{Aeq}
Sandy:	61.0 L_{Aeq}
Water Tower:	61.4 L_{Aeq}
Wilson:	59.0 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:	8.9	9.8	5.2	8.2
Hollinger Office:	14.5	17.8	20.7	27.6
Hollinger Park:	14.7	26.0	30.9	56.4
Sandy:	5.5	5.9	22.4	24.7

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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):	1.1	1.8
GC2-380 (Hollinger Office):	3.2	8.4
GC3-381 (Hollinger Park):	2.1	14.2
GC4-382 (Sandy):	1.3	1.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	3.6	3.3	3.4
Edwards:	2.2	2.1	2.1
Hollinger Office:	0.5	0.3	0.3
Hollinger West:	1.6	1.2	1.9
Imerys:	1.6	1.2	3.2
Noah:	0.9	1.2	1.2
Moneta Pumping Station:	0.3	0.3	0.3
Sandy:	1.5	0.7	1.0
Water Tower:	2.5	1.5	3.4
Wilson:	2.1	1.0	1.5