

Hollinger Public Blast Report

Blast Pattern: 3364_008
Date: July 8, 2014
Blast Time: 15:35
Blast Sign Activation: 08:00
Website Notification Time: 07:00

Blast Conditions

Ceiling Height: 400m
 Boundary Layer Height: 110m
 Cloud Cover: Overcast / Rain
 Wind Speed: 6 km/hr
 Wind Direction: W
 Temperature: 14.2 °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**

	L_{Aeq}	L_{Peak}
Comfort Inn:	53.9 L _{Aeq}	97.8 dB
Edwards:	63.4 L _{Aeq}	91.0 dB
Fred:	52.9 L _{Aeq}	89.3 dB
Hollinger Office:	53.0 L _{Aeq}	105.2 dB
Noah:	59.0 L _{Aeq}	100.7 dB
Sandy:	59.3 L _{Aeq}	106.0 dB
Water Tower:	47.8 L _{Aeq}	113.1 dB
Wilson:	49.0 L _{Aeq}	110.8 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Edwards:	5.5	7.1	1.0	4.7
Hollinger Office:	7.1	10.8	15.3	18.2
Hollinger Park:	10.5	12.8	19.5	24.1
Sandy:	4.7	7.2	10.1	16.9

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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):	8.4	16.2
GC2-380 (Hollinger Office):	2.9	4.0
GC3-381 (Hollinger Park):	3.3	7.6
GC4-382 (Sandy):	1.3	2.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.1	0.0	0.1
Hollinger Office:	0.4	0.3	0.4
Hollinger West:	0.3	0.2	0.3
Imerys:	0.5	0.7	0.7
Noah:	0.5	0.5	0.6
Moneta Pumping Station:	0.7	0.3	0.5
Sandy:	5.6	2.0	5.9
Water Tower:	1.6	0.9	2.4
Wilson:	0.9	0.8	0.9