

Hollinger Public Blast Report

Blast Pattern: 3388_011
Date: July 10, 2014
Blast Time: 11:37
Blast Sign Activation: 08:00
Website Notification Time: 08:00

Blast Conditions

Ceiling Height: n/a m
 Boundary Layer Height: n/a m
 Cloud Cover: 0% (Clear)
 Wind Speed: 7 km/hr
 Wind Direction: SW
 Temperature: 19.7°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: Extendicare**

	LA_{eq}	L_{Peak}
Comfort Inn:	54.3 L _{Aeq}	116.2 dB
Edwards:	73.3 L _{Aeq}	116.0 dB
Fred:	53.0 L _{Aeq}	107.5 dB
Hollinger Office:	63.4 L _{Aeq}	117.7 dB
Noah:	61.4 L _{Aeq}	108.2 dB
Sandy:	63.1 L _{Aeq}	100.1 dB
Water Tower:	57.0 L _{Aeq}	110.2 dB
Wilson:	49.9 L _{Aeq}	105.2 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Edwards:	7.7	11.1	3.1	11.1
Hollinger Office:	12.2	19.7	26.5	38.4
Hollinger Park:	10.7	14.7	23.9	39.8
Sandy:	3.8	4.3	13.8	18.6

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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):	16.5	29.0
GC2-380 (Hollinger Office):	2.1	3.3
GC3-381 (Hollinger Park):	1.7	4.1
GC4-382 (Sandy):	0.5	0.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.7	0.5	1.2
Edwards:	0.3	0.2	0.2
Hollinger Office:	0.5	0.3	0.2
Hollinger West:	0.0	0.0	0.0
Imerys:	0.3	0.2	0.3
Noah:	0.6	1.2	1.0
Moneta Pumping Station:	0.3	0.2	0.4
Sandy:	1.5	0.7	1.3
Water Tower:	0.2	0.1	0.2
Wilson:	0.5	0.3	0.5