

Hollinger Public Blast Report

Blast Pattern: 3364_009
Date: July 15, 2014
Blast Time: 15:36
Blast Sign Activation: 11:45
Website Notification Time: 07:30

Blast Conditions

Ceiling Height: 560m
 Boundary Layer Height: 740m
 Cloud Cover: 100% (Overcast)
 Wind Speed: 13 km/hr
 Wind Direction: N
 Temperature: 14.5°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:	57.0 L _{Aeq}	109.2 dB
Edwards:	63.8 L _{Aeq}	111.1 dB
Fred:	54.6 L _{Aeq}	106.6 dB
Hollinger Office:	63.4 L _{Aeq}	110.2 dB
Noah:	63.4 L _{Aeq}	105.1 dB
Sandy:	73.1 L _{Aeq}	118.7 dB
Water Tower:	56.2 L _{Aeq}	114.6 dB
Wilson:	52.5 L _{Aeq}	109.7 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Edwards:	10.7	14.5	11.1	16.5
Hollinger Office:	13.5	29.3	13.9	36.9
Hollinger Park:	6.7	8.9	7.4	14.0
Sandy:	7.7	13.5	9.0	17.3

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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):	19.7	93.6
GC2-380 (Hollinger Office):	8.9	18.6
GC3-381 (Hollinger Park):	3.1	5.8
GC4-382 (Sandy):	2.1	2.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

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