

Hollinger Public Blast Report

Blast Pattern: 3388_017
Date: July 15, 2014
Blast Time: 11:38
Blast Sign Activation: 07:30
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**

	L_{Aeq}	L_{Peak}
Comfort Inn:	55.9 L _{Aeq}	100.8 dB
Edwards:	59.0 L _{Aeq}	100.8 dB
Fred:	53.5 L _{Aeq}	101.6 dB
Hollinger Office:	69.8 L _{Aeq}	102.9 dB
Noah:	62.4 L _{Aeq}	110.1 dB
Sandy:	72.3 L _{Aeq}	109.6 dB
Water Tower:	55.9 L _{Aeq}	112.4 dB
Wilson:	50.5 L _{Aeq}	108.3 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Edwards:	7.4	10.6	6.3	10.9
Hollinger Office:	9.8	14.4	20.1	28.5
Hollinger Park:	6.4	8.4	13.8	18.9
Sandy:	7.0	12.8	13.0	22.1

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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):	1.0	1.6
GC2-380 (Hollinger Office):	6.5	13.7
GC3-381 (Hollinger Park):	2.1	5.8
GC4-382 (Sandy):	2.6	3.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.0	0.1	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.5	0.2	0.4
Hollinger West:	0.3	0.2	0.2
Imerys:	0.6	0.7	0.6
Noah:	0.5	0.3	0.5
Moneta Pumping Station:	0.5	0.3	0.5
Sandy:	6.4	2.7	4.3
Water Tower:	2.1	0.9	2.1
Wilson:	1.0	0.6	1.1