

Hollinger Public Blast Report

Blast Pattern: 3394_021 & 3382_007
Date: July 13, 2014
Blast Time: 11:39
Blast Sign Activation: 07:30
Website Notification Time: 07:30

Blast Conditions

Ceiling Height: 590m
 Boundary Layer Height: 620m
 Cloud Cover: 100% (Overcast)
 Wind Speed: 9 km/hr
 Wind Direction: SW
 Temperature: 19.6°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:	52.9 L _{Aeq}	113.6 dB
Edwards:	59.6 L _{Aeq}	108.6 dB
Fred:	54.9 L _{Aeq}	101.6 dB
Hollinger Office:	64.4 L _{Aeq}	110.6 dB
Noah:	59.7 L _{Aeq}	99.0 dB
Sandy:	58.6 L _{Aeq}	93.6 dB
Water Tower:	62.2 L _{Aeq}	108.6 dB
Wilson:	46.3 L _{Aeq}	101.2 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Edwards:	9.4	14.6	6.4	23.6
Hollinger Office:	18.4	28.7	30.9	45.0
Hollinger Park:	5.8	6.7	21.1	27.0
Sandy:	5.2	6.3	18.8	19.7

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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):	7.5	27.7
GC2-380 (Hollinger Office):	5.8	9.7
GC3-381 (Hollinger Park):	0.8	1.8
GC4-382 (Sandy):	0.7	0.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.1	0.6	1.1
Edwards:	1.3	1.4	1.2
Hollinger Office:	0.2	0.2	0.2
Hollinger West:	0.1	0.0	0.1
Imerys:	0.3	0.2	0.2
Noah:	0.2	0.3	0.3
Moneta Pumping Station:	0.4	0.2	0.3
Sandy:	1.5	0.4	1.7
Water Tower:	0.3	0.1	0.2
Wilson:	0.5	0.3	0.2