

Hollinger Public Blast Report

Blast Pattern: 3388_007
Date: July 6, 2014
Blast Time: 15:30
Blast Sign Activation: 08:00
Website Notification Time: 07:45

Blast Conditions

Ceiling Height: 940m
 Boundary Layer Height: 100m
 Cloud Cover: 100% (Overcast)
 Wind Speed: 5 km/hr
 Wind Direction: SW
 Temperature: 22.4°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:	52.6 L _{Aeq}	116.9 dB
Edwards:	58.1 L _{Aeq}	117.5 dB
Fred:	53.2 L _{Aeq}	97.0 dB
Hollinger Office:	69.2 L _{Aeq}	121.9 dB
Noah:	60.1 L _{Aeq}	108.5 dB
Sandy:	72.8 L _{Aeq}	98.8 dB
Water Tower:	52.5 L _{Aeq}	108.0 dB
Wilson:	48.5 L _{Aeq}	95.9 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Edwards:	18.8	22.4	14.7	20.6
Hollinger Office:	22.1	24.6	31.1	34.8
Hollinger Park:	14.2	17.3	27.5	29.6
Sandy:	13.0	15.3	27.0	29.0

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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):	4.6	9.2
GC2-380 (Hollinger Office):	5.8	11.6
GC3-381 (Hollinger Park):	0.8	1.8
GC4-382 (Sandy):	0.9	1.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

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