

Hollinger Public Blast Report



Blast Pattern: 3364_143
Date: 5-Aug-16
Blast Time: 11:38
Blast Sign Activation: 7:30
Website Notification Time: 7:30

Blast Conditions

Ceiling Height: 1371 m
Boundary Layer Height: none m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 13 km/hr
Wind Direction: SW
Temperature: 30.1 °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: Extencicare**

	L_{aeq}	L_{peak} dB
Comfort Inn:	63.7 LAeq	116.4 dB
Edwards:	61.8 LAeq	116.0 dB
Fred:	52.4 LAeq	114.1 dB
Hollinger Office:	61.1 LAeq	115.1 dB
Noah:	63.0 LAeq	114.1 dB
Sandy:	55.9 LAeq	117.4 dB
Water Tower:	58.6 LAeq	127.0 dB
Wilson:	54.9 LAeq	114.8 dB

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

Dust Alert: No Exceedances recorded for the day.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	10.3	12.4	29.9	34.6
Edwards:	58.0	115.5	99.6	155.0
Hollinger Office:	75.4	110.7	128.9	148.7
Hollinger Park:	17.4	23.9	27.1	40.0
Sandy:	11.1	14.4	61.1	65.9

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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
Claimpost:	1.9	3.9
Edwards:	2.8	3.9
Hollinger Office:	5.0	5.9
Hollinger Park:	2.7	7.0
Sandy:	0.6	0.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.5	0.4
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.8	0.5	1.1
Hollinger West:	0.1	0.1	0.1
Imerys:	0.4	0.2	0.3
Noah:	0.7	0.3	0.3
Moneta Pumping Station:	0.1	0.1	0.1
Sandy:	0.1	0.4	0.1
Water Tower:	0.2	0.2	0.3
Wilson:	0.7	0.2	0.8