

Hollinger Public Blast Report



Blast Pattern: 3364_087
Date: 6-Aug-16
Blast Time: 11:36
Blast Sign Activation: 8:15
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 701 m
Boundary Layer Height: none m
Cloud Cover: 75% Cloudy
Wind Speed: 13 km/hr
Wind Direction: NW
Temperature: 19.3 °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} dB
Comfort Inn:	57.1 LAeq	109.5 dB
Edwards:	63.9 LAeq	101.3 dB
Fred:	48.3 LAeq	110.3 dB
Hollinger Office:	59.3 LAeq	108.3 dB
Noah:	61.5 LAeq	108.2 dB
Sandy:	56.8 LAeq	110.4 dB
Water Tower:	53.0 LAeq	118.6 dB
Wilson:	55.6 LAeq	107.2 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:	2.3	2.7	15.5	16.3
Edwards:	7.6	11.8	12.0	29.8
Hollinger Office:	5.0	6.1	69.9	71.4
Hollinger Park:	7.5	10.0	7.3	14.4
Sandy:	7.8	16.2	50.5	59.5

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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:	0.2	0.6
Edwards:	0.0	0.0
Hollinger Office:	1.0	1.2
Hollinger Park:	1.3	2.1
Sandy:	0.4	1.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.5	0.3	0.6
Hollinger West:	0.4	0.3	0.5
Imerys:	0.8	0.7	1.1
Noah:	0.5	0.6	0.6
Moneta Pumping Station:	0.5	0.3	0.6
Sandy:	0.9	1.0	0.8
Water Tower:	2.4	1.2	2.5
Wilson:	1.1	1.2	1.8