

Hollinger Public Blast Report



Blast Pattern: 3364_115
Date: 8-Aug-16
Blast Time: 15:36
Blast Sign Activation: 7:30
Website Notification Time: 7:30

Blast Conditions

Ceiling Height: 9144 m
Boundary Layer Height: none m
Cloud Cover: 75% Cloudy
Wind Speed: 4.5 km/hr
Wind Direction: S
Temperature: 27.4 °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**

	L_{aeq}	L_{peak} dB
Comfort Inn:	55.3 LAeq	98.7 dB
Edwards:	52.9 LAeq	96.1 dB
Fred:	42.9 LAeq	95.9 dB
Hollinger Office:	63.1 LAeq	109.0 dB
Noah:	61.3 LAeq	100.7 dB
Sandy:	66.0 LAeq	104.8 dB
Water Tower:	50.7 LAeq	110.8 dB
Wilson:	49.3 LAeq	98.9 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:	8.8	9.7	21.2	22.4
Edwards:	7.3	7.8	22.2	24.8
Hollinger Office:	20.7	40.6	85.6	101.7
Hollinger Park:	9.7	13.4	22.5	35.1
Sandy:	12.9	30.5	62.0	91.6

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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:	0.1	0.4
Edwards:	0.0	0.0
Hollinger Office:	3.0	4.2
Hollinger Park:	1.7	4.9
Sandy:	0.5	0.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.3	0.3
Edwards:	0.1	0.1	0.1
Hollinger Office:	2.5	1.2	2.2
Hollinger West:	0.3	0.2	0.3
Imerys:	1.7	3.8	3.3
Noah:	2.5	1.8	2.3
Moneta Pumping Station:	0.3	0.2	0.4
Sandy:	0.3	0.5	0.4
Water Tower:	2.6	1.0	3.5
Wilson:	0.9	0.6	1.2