

Hollinger Public Blast Report

Blast Pattern: 3358_039
Date: 5-Jan-17
Blast Time: 11:37
Blast Sign Activation: 7:40
Website Notification Time: 7:20

Blast Conditions

Ceiling Height: 1310 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 11.4 km/hr
Wind Direction: NE
Temperature: -20.9 °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:	52.3 LAeq	109.4 dB
Edwards:	69.3 LAeq	113.6 dB
Fred:	44.4 LAeq	107.6 dB
Hollinger Office:	58.4 LAeq	113.4 dB
Noah:	58.0 LAeq	110.4 dB
Sandy:	55.4 LAeq	109.5 dB
Water Tower:	47.3 LAeq	117.7 dB
Wilson:	48.7 LAeq	111.3 dB

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

Dust Alert: No Exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.1	5.7	2.6	5.8
Edwards:	12.5	23.5	8.6	17.1
Hollinger Office:	19.6	23.3	4.9	6.9
Hollinger Park:	7.4	9.2	5.7	8.5
Sandy:	12.6	16.5	4.0	8.7

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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
Claimpost:	3.8	6.9
Edwards:	13.5	37.6
Hollinger Office:	0.0	0.0
Hollinger Park:	8.4	13.5
Sandy:	7.2	22.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.1
Edwards:	0.4	0.4	0.4
Hollinger Office:	1.0	0.1	0.2
Hollinger West:	0.3	0.3	0.3
Imerys:	0.2	0.2	0.1
Noah:	0.3	0.2	0.2
Moneta Pumping Station:	1.7	0.7	0.8
Sandy:	1.7	1.4	1.9
Water Tower:	0.2	0.3	0.2
Wilson:	1.4	1.0	0.7