

Hollinger Public Blast Report

Blast Pattern: 3310_028/050
Date: 7-Oct-20
Blast Time: 11:38
Blast Sign Activation: 8:15
Website Notification Time: 7:58

Blast Conditions

Ceiling Height: 656 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 26 km/hr
Wind Direction: N
Temperature: 5.6 °C

Noise Levels (L_{Aeq}) – Noise Monitoring Instruments Reviewed:

Noise Alert:

Blast Siren Locations:

- 1: Hollinger Office
- 2: Shania Twain
- 3: Extendicare

	L_{Aeq}	L_{peak} dB
Comfort Inn:	60.7 LAeq	112.0 dB
Edwards:	55.1 LAeq	107.4 dB
Fred:	53.6 LAeq	115.5 dB
Hollinger Office:	63.4 LAeq	120.2 dB
Noah:	62.8 LAeq	118.7 dB
Sandy:	55.4 LAeq	121.2 dB
Water Tower:	60.2 LAeq	125.6 dB
Wilson:	55.8 LAeq	117.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:			0.3	2.2
Edwards:	4.1	4.4	3.2	3.8
Hollinger Office:	1.9	2.4	4.8	5.2
Sandy:	6.8	13.0	7.0	12.3

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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:	0.0	0.0
Edwards:	1.4	2.4
Hollinger Office:	4.0	5.4
Sandy:	3.0	5.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.0	0.0	0.0
Hollinger Office:	0.9	0.4	0.5
Hollinger West:	6.0	1.6	3.3
Imerys:	2.0	2.7	2.2
Noah:	1.3	1.2	1.4
Moneta Pumping Station:	0.6	0.9	0.5
Sandy:	0.8	0.5	0.8
Water Tower:	5.0	3.5	5.9
Wilson:	2.0	1.6	2.1