

Hollinger Public Blast Report

Blast Pattern: 3328_080
Date: 26-Mar-20
Blast Time: 11:38
Blast Sign Activation: 7:34
Website Notification Time: 7:23

Blast Conditions

Ceiling Height: 1312 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 12 km/hr
Wind Direction: N
Temperature: -7 °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:	51.3 LAeq	106.9 dB
Edwards:	44.1 LAeq	103.6 dB
Fred:	40.8 LAeq	100.2 dB
Hollinger Office:	52.8 LAeq	115.2 dB
Noah:	57.0 LAeq	103.4 dB
Sandy:	39.0 LAeq	102.9 dB
Water Tower:	46.7 LAeq	108.1 dB
Wilson:	44.4 LAeq	103.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.0	6.3	4.9	5.2
Edwards:	5.1	5.9	13.7	19.5
Hollinger Office:	3.1	3.6	12.2	15.8
Sandy:	4.1	7.2	9.0	15.9

Hollinger Public Blast Report



NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

	Avg. NO _x	Max NO _x
Claimpost:	0.1	0.2
Edwards:	1.5	1.9
Hollinger Office:	4.0	5.8
Sandy:	3.2	5.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.7	0.7
Edwards:	0.2	0.1	0.2
Hollinger Office:	1.3	1.0	1.2
Hollinger West:	0.5	0.2	0.4
Imerys:	1.3	0.8	2.6
Noah:	2.7	1.1	2.6
Moneta Pumping Station:	0.3	0.2	0.6
Sandy:	0.6	0.4	0.5
Water Tower:	1.0	0.4	1.2
Wilson:	1.5	0.8	3.7