

Hollinger Public Blast Report



Blast Pattern: 3334_117
Date: 24-Nov-19
Blast Time: 11:43
Blast Sign Activation: 7:50
Website Notification Time: 7:40

Blast Conditions

Ceiling Height: 656 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Snow
Wind Speed: 13 km/hr
Wind Direction: S
Temperature: 0 °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:	49.6 LAeq	105.2 dB
Edwards:	44.0 LAeq	100.7 dB
Fred:	38.7 LAeq	100.1 dB
Hollinger Office:	51.4 LAeq	109.9 dB
Noah:	58.2 LAeq	103.6 dB
Sandy:	41.5 LAeq	102.5 dB
Water Tower:	47.9 LAeq	109.5 dB
Wilson:	46.8 LAeq	98.5 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.0	6.4	6.1	7.3
Edwards:	2.8	3.1	8.2	8.7
Hollinger Office:	5.6	5.9	10.4	12.1
Sandy:	3.1	3.3	14.0	14.9

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:	0.5	1.3
Edwards:	2.0	6.0
Hollinger Office:	6.9	11.8
Sandy:	1.6	2.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.2	0.3
Edwards:	0.2	0.1	0.3
Hollinger Office:	0.5	0.2	0.4
Hollinger West:	0.2	0.2	0.2
Imerys:	0.3	0.3	0.4
Noah:	0.5	0.3	0.6
Moneta Pumping Station:	0.7	0.4	0.7
Sandy:	0.9	0.4	0.8
Water Tower:	0.4	0.3	0.5
Wilson:	1.0	0.6	1.5