

Hollinger Public Blast Report

Blast Pattern: 3292_066 3292_070b
Date: 18-Jan-23
Blast Time: 11:46
Blast Sign Activation: 7:45
Website Notification Time: 7:36

Blast Conditions

Ceiling Height: 656 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Snow
Wind Speed: 15
Wind Direction: NW
Temperature: -7.8 °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:	55.3 LAeq	105.3 dB
Edwards:	55.7 LAeq	95.4 dB
Fred:	44.3 LAeq	101.6 dB
Hollinger Office:	56.6 LAeq	112.2 dB
Noah:	60.6 LAeq	103.0 dB
Sandy:	51.0 LAeq	103.3 dB
Water Tower:	48.1 LAeq	109.8 dB
Wilson:	49.7 LAeq	104.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	12.1	12.7	9.3	10.1
Edwards:	4.6	5.0	17.1	18.2
Hollinger Office:	7.5	7.9	14.4	16.0
Sandy:	13.3	15.0	14.6	17.2

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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:	0.4	0.9
Edwards:	3.2	5.6
Hollinger Office:	2.2	3.1
Sandy:	3.4	8.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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

