

Hollinger Public Blast Report

Blast Pattern: 3286-064
Date: 21-Feb-23
Blast Time: 13:50
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1,400 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Snow
Wind Speed: 9 km/h
Wind Direction: N
Temperature: -13.7 °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:	51.2 LAeq	106.5 dB
Edwards:	59.9 LAeq	114.3 dB
Fred:	41.5 LAeq	103.5 dB
Hollinger Office:	63.5 LAeq	119.5 dB
Noah:	56.8 LAeq	100.3 dB
Sandy:	39.7 Laeq	102.0 dB
Water Tower:	44.6 LAeq	113.6 dB
Wilson:	50.5 LAeq	104.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.7	9.5	4.0	4.3
Edwards:	7.4	10.8	6.7	9.4
Hollinger Office:	16.1	22.9	2.3	4.3
Sandy:	13.7	27.4	10.4	21.3

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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:	0.5	0.6
Edwards:	4.5	13.4
Hollinger Office:	5.5	10.9
Sandy:	6.2	11.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.4
Edwards:	0.5	0.2	0.4
Hollinger Office:	0.3	0.7	0.5
Hollinger West:	0.2	0.1	0.2
Imerys:	0.2	0.2	0.3
Noah:	0.3	0.4	0.3
Moneta Pumping Station	0.5	0.5	0.5
Sandy:	1.0	0.7	1.2
Water Tower:	0.2	0.2	0.2
Wilson:	0.8	0.9	0.8

