

Hollinger Public Blast Report

Blast Pattern: 3286-056A
Date: 10-Feb-23
Blast Time: 11:37
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1,640 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Snow
Wind Speed: 20
Wind Direction: NW
Temperature: -9.9 °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:	54.8 LAeq	102.6 dB
Edwards:	48.8 LAeq	98.1 dB
Fred:	43.7 LAeq	106.3 dB
Hollinger Office:	55.3 LAeq	105.6 dB
Noah:	60.0 LAeq	102.6 dB
Sandy:	40.4 Laeq	106.6 dB
Water Tower:	50.9 LAeq	114.4 dB
Wilson:	54.4 LAeq	110.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.7	15.2	3.8	4.7
Edwards:	2.9	3.4	6.2	6.9
Hollinger Office:	19.0	26.1	4.6	5.7
Sandy:	13.9	24.4	11.0	19.2

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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	0.8
Edwards:	2.2	2.8
Hollinger Office:	1.6	2.1
Sandy:	9.8	19.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.3	0.6
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.5	0.4	0.4
Hollinger West:	0.2	0.1	0.2
Imerys:	0.3	0.2	0.5
Noah:	0.8	0.6	0.7
Moneta Pumping Station	0.4	0.3	0.4
Sandy:	0.7	0.3	0.7
Water Tower:	0.3	0.2	0.4
Wilson:	0.9	0.6	1.2

