

Hollinger Public Blast Report

Blast Pattern: 3292_077
Date: 8-Feb-23
Blast Time: 11:37
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 5,249 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 11
Wind Direction: S
Temperature: -3.3 °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:	53.7 LAeq	113.4 dB
Edwards:	49.0 LAeq	105.7 dB
Fred:	43.8 LAeq	105.0 dB
Hollinger Office:	54.1 LAeq	115.3 dB
Noah:	59.3 LAeq	106.3 dB
Sandy:	51.7 Laeq	105.6 dB
Water Tower:	47.8 LAeq	113.9 dB
Wilson:	48.8 LAeq	107.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.0	6.4	4.3	5.1
Edwards:	2.6	3.3	7.5	11.4
Hollinger Office:	4.8	9.9	8.2	14.3
Sandy:	5.0	7.9	6.5	10.6

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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:	0.1	0.3
Edwards:	4.6	6.7
Hollinger Office:	1.5	2.4
Sandy:	2.9	14.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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

