

Hollinger Public Blast Report

Blast Pattern: 3292_070A
Date: 14-Jan-23
Blast Time: 13:35
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 29,855 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 7
Wind Direction: S
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:	49.4 LAeq	109.8 dB
Edwards:	43.8 LAeq	95.7 dB
Fred:	40.0 LAeq	88.2 dB
Hollinger Office:	51.5 LAeq	113.6 dB
Noah:	58.1 LAeq	103.6 dB
Sandy:	43.2 LAeq	99.8 dB
Water Tower:	46.2 LAeq	111.5 dB
Wilson:	53.9 LAeq	99.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	1.3	2.1	2.4	4.7
Edwards:	3.1	5.1	5.7	6.9
Hollinger Office:	5.3	14.1	27.1	106.3
Sandy:	2.0	6.5	6.1	12.7

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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:	0.0	0.1
Edwards:	2.4	5.5
Hollinger Office:	18.3	40.2
Sandy:	1.0	1.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.0	0.5	1.1
Edwards:	0.3	0.2	0.4
Hollinger Office:	1.0	0.7	0.6
Hollinger West:	0.2	0.1	0.2
Imerys:	0.4	0.3	0.8
Noah:	1.0	0.7	0.6
Moneta Pumping Station	0.7	2.0	0.4
Sandy:	0.4	0.3	0.5
Water Tower:	0.3	0.3	0.2
Wilson:	1.3	0.7	0.8

