

Hollinger Public Blast Report

Blast Pattern: 3292_072
Date: 27-Jan-23
Blast Time: 11:35
Blast Sign Activation: 7:15
Website Notification Time: 7:31

Blast Conditions

Ceiling Height: 16,076 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 19
Wind Direction: SE
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:	51.6 LAeq	103.6 dB
Edwards:	44.9 LAeq	102.7 dB
Fred:	42.5 LAeq	103.8 dB
Hollinger Office:	52.7 LAeq	109.6 dB
Noah:	57.9 LAeq	104.8 dB
Sandy:	45.0 LAeq	100.0 dB
Water Tower:	48.2 LAeq	112.7 dB
Wilson:	49.5 LAeq	101.5 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	3.3	4.1	6.8	9.2
Edwards:	1.6	2.2	2.4	3.3
Hollinger Office:	6.2	8.3	7.9	25.7
Sandy:	4.0	10.1	8.0	18.0

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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:	2.1	7.2
Edwards:	1.0	1.9
Hollinger Office:	6.8	13.0
Sandy:	1.9	4.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.4	0.3
Edwards:	0.1	0.1	0.2
Hollinger Office:	0.2	0.1	0.1
Hollinger West:	0.1	0.0	0.1
Imerys:	0.1	0.1	0.1
Noah:	0.2	0.5	0.3
Moneta Pumping Station	0.2	0.2	0.2
Sandy:	0.7	0.2	0.7
Water Tower:	0.1	0.1	0.1
Wilson:	0.3	0.2	0.3

