

Hollinger Public Blast Report

Blast Pattern: 3280-054a
Date: 21-Mar-23
Blast Time: 11:33
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 6,233 ft
Boundary Layer Height: n/a m
Cloud Cover: 0% Clear
Wind Speed: 6 km/h
Wind Direction: W
Temperature: -11.2 °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:	50.3	LAeq	103.6 dB
Edwards:	42.8	LAeq	96.3 dB
Fred:	36.5	LAeq	94.0 dB
Hollinger Office:	52.4	LAeq	109.3 dB
Noah:	58.5	LAeq	103.4 dB
Sandy:	40.7	Laeq	103.1 dB
Water Tower:	43	LAeq	110.9 dB
Wilson:	52.5	LAeq	99.9 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.7	8.7	7.7	10.9
Edwards:	8.9	12.9	13.6	25.6
Hollinger Office:	2.8	3.6	10.8	19.2
Sandy:	3.5	4.1	7.7	9.8

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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:	4.3	9.4
Edwards:	9.7	21.7
Hollinger Office:	2.9	6.6
Sandy:	2.4	4.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.2	0.6
Edwards:	0.2	0.4	0.2
Hollinger Office:	0.6	0.4	0.5
Hollinger West:	0.2	3.1	0.2
Imerys:	0.5	1.1	0.6
Noah:	0.9	1.8	0.9
Moneta Pumping Station			
Sandy:	0.7	0.4	0.8
Water Tower:	0.2	0.3	0.5
Wilson:	1.3	0.8	1.4

