

Hollinger Public Blast Report

Blast Pattern: 3286_060
Date: 22-Feb-23
Blast Time: 13:35
Blast Sign Activation: 10:34
Website Notification Time: 10:23

Blast Conditions

Ceiling Height: 29,855 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered
Wind Speed: 11 km/h
Wind Direction: N
Temperature: -17.0 °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:	52.2 LAeq	108.3 dB
Edwards:	43.6 LAeq	97.2 dB
Fred:	38.9 LAeq	96.7 dB
Hollinger Office:	57.1 LAeq	113.5 dB
Noah:	57.4 LAeq	100.0 dB
Sandy:	50.3 LAeq	109.7 dB
Water Tower:	45.3 LAeq	112.8 dB
Wilson:	47.4 LAeq	103.3 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	2.5	2.8	3.2	3.7
Edwards:	5.2	6.3	5.8	6.4
Hollinger Office:	4.4	4.7	0.9	1.8
Sandy:	14.9	51.6	16.2	75.4

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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:	0.2	0.5
Edwards:	2.5	3.2
Hollinger Office:	4.6	8.1
Sandy:	7.8	20.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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

