

Hollinger Public Blast Report

Blast Pattern: 3274_213PS
Date: 26-Jan-23
Blast Time: 11:42
Blast Sign Activation: 7:35
Website Notification Time: 7:31

Blast Conditions

Ceiling Height: 9,842 ft
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 13
Wind Direction: NW
Temperature: -18.2 °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:	53.9 LAeq	102.5 dB
Edwards:	46.7 LAeq	94.1 dB
Fred:	41.6 LAeq	104.6 dB
Hollinger Office:	54.1 LAeq	106.8 dB
Noah:	60.0 LAeq	105.1 dB
Sandy:	39.9 Laeq	102.2 dB
Water Tower:	45.6 LAeq	112.2 dB
Wilson:	50.0 LAeq	99.7 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	1.6	4.3	2.0	2.2
Edwards:	0.6	0.8	4.0	4.8
Hollinger Office:	8.3	8.8	0.8	1.4
Sandy:	7.3	17.3	6.6	17.9

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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:	0.4	0.7
Edwards:	1.6	2.1
Hollinger Office:	2.8	3.7
Sandy:	4.2	10.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.3	0.4
Edwards:	0.3	0.1	0.3
Hollinger Office:	0.5	0.6	0.6
Hollinger West:	0.3	0.4	0.3
Imerys:	0.8	0.7	0.4
Noah:	0.7	0.6	1.3
Moneta Pumping Station	0.9	0.6	1.1
Sandy:	2.3	1.3	2.1
Water Tower:	0.6	0.7	1.1
Wilson:	2.2	1.9	3.9

