

Hollinger Public Blast Report

Blast Pattern: 3286_057 3274_210BPS
Date: 31-Jan-23
Blast Time: 13:51
Blast Sign Activation: 7:30
Website Notification Time: 7:25

Blast Conditions

Ceiling Height: 4,265 ft
Boundary Layer Height: n/a m
Cloud Cover: 75% Cloudy
Wind Speed: 15
Wind Direction: SW
Temperature: -8.7 °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:	54.1 LAeq	114.7 dB
Edwards:	50.7 LAeq	113.1 dB
Fred:	45.9 LAeq	114.5 dB
Hollinger Office:	55.2 LAeq	121.7 dB
Noah:	58.7 LAeq	112.6 dB
Sandy:	47.1 Laeq	110.3 dB
Water Tower:	55.5 LAeq	123.5 dB
Wilson:	62.7 LAeq	114.7 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.4	9.6	6.4	15.4
Edwards:	4.9	16.5	26.1	89.1
Hollinger Office:	24.7	60.2	20.1	54.3
Sandy:	1.7	2.8	7.7	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:	0.3	0.4
Edwards:	4.3	4.8
Hollinger Office:	2.1	6.2
Sandy:	1.4	1.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.5	0.5
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.4	0.3	0.5
Hollinger West:	0.2	0.1	0.2
Imerys:	0.4	0.2	0.8
Noah:	0.7	0.6	0.4
Moneta Pumping Station	0.6	0.3	0.3
Sandy:	0.8	0.5	1.2
Water Tower:	0.3	0.3	0.3
Wilson:	0.8	1.4	1.3

