

Hollinger Public Blast Report

Blast Pattern: 3274_014A
Date: 23-Feb-22
Blast Time: 11:33
Blast Sign Activation: 8:34
Website Notification Time: 8:24

Blast Conditions

Ceiling Height: 4,593 ft
Boundary Layer Height: n/a m
Cloud Cover: 1001% Overcast
Wind Speed: 26
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:	52.7 LAeq	115.2 dB
Edwards:	47.4 LAeq	106.0 dB
Fred:	46.4 LAeq	111.0 dB
Hollinger Office:	54.5 LAeq	111.1 dB
Noah:	56.1 LAeq	113.2 dB
Sandy:	58.9 LAeq	109.8 dB
Water Tower:	50.7 LAeq	120.2 dB
Wilson:	55.7 LAeq	112.1 dB

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.7	17.4	4.6	6.0
Edwards:	7.5	10.2	11.7	12.7
Hollinger Office:	21.9	24.1	15.0	17.9
Sandy:	12.6	14.9	9.8	12.2

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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:	1.1	1.6
Edwards:	0.8	1.3
Hollinger Office:	7.0	8.8
Sandy:	2.4	3.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.0	0.1
Edwards:	0.0	0.0	0.0
Hollinger Office:	0.2	0.2	0.2
Hollinger West:	1.1	1.6	0.9
Imerys:	0.3	0.6	0.3
Noah:	1.0	0.9	0.9
Moneta Pumping Station:	0.3	0.2	0.3
Sandy:	0.6	0.4	0.6
Water Tower:	1.3	1.6	1.2
Wilson:	1.9	1.7	1.8

