

Hollinger Public Blast Report

Blast Pattern: 3322_043
Date: 1-Mar-21
Blast Time: 11:35
Blast Sign Activation: 8:00
Website Notification Time: 7:00

Blast Conditions

Ceiling Height: 2624 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 28
Wind Direction: W
Temperature: -18.1 °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:	58.1 LAeq	117.8 dB
Edwards:	51.8 LAeq	122.3 dB
Fred:	52.5 LAeq	117.3 dB
Hollinger Office:	58.8 LAeq	115.8 dB
Noah:	58.4 LAeq	114.7 dB
Sandy:	52.2 LAeq	116.3 dB
Water Tower:	55.9 LAeq	122.8 dB
Wilson:	62.8 LAeq	116.5 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	17.0	20.5	3.2	5.6
Edwards:	6.0	11.4	11.4	17.0
Hollinger Office:	8.0	10.8	16.7	30.3
Sandy:	14.9	42.3	13.0	23.1

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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:	1.4	2.1
Edwards:	1.9	4.5
Hollinger Office:	2.8	4.2
Sandy:	2.6	4.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.3
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.2	0.3	0.5
Hollinger West:	0.2	0.2	0.2
Imerys:	0.5	0.4	0.3
Noah:	0.5	0.4	0.6
Moneta Pumping Station:	1.2	0.6	0.5
Sandy:	1.3	1.1	2.3
Water Tower:	0.5	0.3	0.3
Wilson:	0.9	0.8	1.3