

Hollinger Public Blast Report

Blast Pattern: 3322_045
Date: 24-Feb-21
Blast Time: 11:33
Blast Sign Activation: 7:26
Website Notification Time: 7:19

Blast Conditions

Ceiling Height: 6890 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 11
Wind Direction: N
Temperature: -5.5 °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	107.7 dB
Edwards:	47.2 LAeq	95.4 dB
Fred:	46.2 LAeq	91.7 dB
Hollinger Office:	55.1 LAeq	107.9 dB
Noah:	57.7 LAeq	100.2 dB
Sandy:	46.1 LAeq	108.4 dB
Water Tower:	48.0 LAeq	111.0 dB
Wilson:	47.4 LAeq	99.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	11.2	13.6	4.9	5.8
Edwards:	7.5	10.5	19.7	26.5
Hollinger Office:	2.5	2.8	20.2	24.7
Sandy:	4.7	6.1	5.6	11.5

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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:	0.8	1.0
Edwards:	2.1	2.6
Hollinger Office:	3.6	6.8
Sandy:	1.8	4.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.2	0.3
Edwards:	0.1	0.1	0.2
Hollinger Office:	0.3	0.3	0.4
Hollinger West:	0.2	0.1	0.2
Imerys:	0.3	0.3	0.4
Noah:	0.5	0.6	0.5
Moneta Pumping Station:	0.7	0.5	0.4
Sandy:	1.5	0.8	1.2
Water Tower:	0.3	0.2	0.3
Wilson:	0.9	1.0	1.1