

Hollinger Public Blast Report

Blast Pattern: 3322_026, 3310_217
Date: 22-Feb-21
Blast Time: 11:47
Blast Sign Activation: 8:33
Website Notification Time: 8:36

Blast Conditions

Ceiling Height: 2624 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 15
Wind Direction: S
Temperature: -3.7 °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:	52.1 LAeq	106.5 dB
Edwards:	43.0 LAeq	99.5 dB
Fred:	40.0 LAeq	95.8 dB
Hollinger Office:	53.2 LAeq	106.6 dB
Noah:	59.7 LAeq	102.4 dB
Sandy:	46.4 LAeq	109.1 dB
Water Tower:	47.4 LAeq	109.8 dB
Wilson:	53.8 LAeq	102.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	29.1	30.6	14.7	15.9
Edwards:	15.2	16.4	33.3	34.8
Hollinger Office:	3.2	4.0	39.5	54.9
Sandy:	13.9	14.8	24.5	26.0

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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:	3.0	5.8
Edwards:	1.7	2.1
Hollinger Office:	9.6	20.2
Sandy:	5.8	6.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.5	0.6
Edwards:	0.2	0.1	0.2
Hollinger Office:	0.4	0.4	0.7
Hollinger West:	0.2	0.2	0.2
Imerys:	0.4	0.4	0.5
Noah:	0.7	0.6	0.4
Moneta Pumping Station:	0.7	0.9	0.7
Sandy:	2.4	1.4	3.8
Water Tower:	0.4	0.3	0.4
Wilson:	1.0	1.5	1.4