

Hollinger Public Blast Report

Blast Pattern: 3292_208-209
Date: 28-Jan-21
Blast Time: 11:43
Blast Sign Activation: 7:15
Website Notification Time: 7:10

Blast Conditions

Ceiling Height: 1968 ft
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 13
Wind Direction: NW
Temperature: -18.7 °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:	53.8 LAeq	110.8 dB
Edwards:	53.6 LAeq	103.6 dB
Fred:	44.2 LAeq	111.0 dB
Hollinger Office:	54.8 LAeq	113.1 dB
Noah:	58.7 LAeq	106.2 dB
Sandy:	45.9 LAeq	105.8 dB
Water Tower:	45.0 LAeq	116.7 dB
Wilson:	60.2 LAeq	106.9 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	14.5	15.3	0.8	2.1
Edwards:	4.1	8.5	7.7	14.5
Hollinger Office:	8.0	8.9	8.3	14.0
Sandy:	7.8	9.6	5.2	6.5

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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:	1.6	2.0
Edwards:	2.3	3.2
Hollinger Office:	4.5	6.5
Sandy:	2.2	2.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.2	0.4
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.4	0.3	1.0
Hollinger West:	0.4	0.2	0.3
Imerys:	0.9	0.7	1.5
Noah:	1.3	0.9	1.3
Moneta Pumping Station:	0.3	0.5	0.3
Sandy:	0.7	0.4	0.5
Water Tower:	1.9	1.9	2.4
Wilson:	1.0	1.2	1.3