

Hollinger Public Blast Report

Blast Pattern: 3322_080
Date: 31-Dec-21
Blast Time: 11:33
Blast Sign Activation: 7:19
Website Notification Time: 7:12

Blast Conditions

Ceiling Height: 1312 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Snow
Wind Speed: 11
Wind Direction: W
Temperature: -11.7 °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:	56.0 LAeq	113.8 dB
Edwards:	48.7 LAeq	98.1 dB
Fred:	41.4 LAeq	95.2 dB
Hollinger Office:	56.0 LAeq	115.3 dB
Noah:	61.2 LAeq	105.2 dB
Sandy:	59.6 LAeq	107.6 dB
Water Tower:	44.6 LAeq	108.8 dB
Wilson:	49.2 LAeq	99.1 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	13.0	14.4	2.9	3.8
Edwards:	8.9	17.4	11.1	20.9
Hollinger Office:	7.5	9.1	9.6	11.7
Sandy:	5.4	6.1	6.7	8.9

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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:	3.6	8.4
Edwards:	10.8	42.2
Hollinger Office:	4.5	6.4
Sandy:	7.3	12.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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