

Hollinger Public Blast Report

Blast Pattern: 3304_026
Date: 13-Jan-21
Blast Time: 11:48
Blast Sign Activation: 7:30
Website Notification Time: 7:30

Blast Conditions

Ceiling Height: 1312 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Snow
Wind Speed: 15
Wind Direction: SW
Temperature: -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:	53.6 LAeq	108.4 dB
Edwards:	49.4 LAeq	97.6 dB
Fred:	44.3 LAeq	101.1 dB
Hollinger Office:	55.6 LAeq	103.6 dB
Noah:	59.7 LAeq	102.9 dB
Sandy:	47.0 LAeq	108.2 dB
Water Tower:	48.0 LAeq	112.5 dB
Wilson:	48.2 LAeq	101.0 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	24.4	26.5	17.0	20.9
Edwards:	12.5	13.5	35.3	41.9
Hollinger Office:	16.4	18.6	37.1	46.0
Sandy:	10.6	11.1	23.3	24.4

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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:	1.1	1.6
Edwards:	4.9	23.6
Hollinger Office:	4.5	10.2
Sandy:	2.2	2.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.1	0.0	0.1
Hollinger Office:	0.5	0.5	0.6
Hollinger West:	0.6	2.5	0.9
Imerys:	0.7	2.0	1.2
Noah:	1.0	1.3	1.3
Moneta Pumping Station:	0.3	0.3	0.3
Sandy:	1.1	0.5	0.9
Water Tower:	2.6	3.5	2.2
Wilson:	1.4	1.2	2.4