

Hollinger Public Blast Report

Blast Pattern: 3298_013
Date: 3-Mar-21
Blast Time: 11:41
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1312 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Snow
Wind Speed: 9
Wind Direction: N
Temperature: -8.3 °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:	57.4 LAeq	99.9 dB
Edwards:	46.4 LAeq	92.9 dB
Fred:	41.1 LAeq	97.4 dB
Hollinger Office:	56.1 LAeq	99.9 dB
Noah:	60.9 LAeq	98.5 dB
Sandy:	45.4 LAeq	107.0 dB
Water Tower:	53.6 LAeq	109.6 dB
Wilson:	49.4 LAeq	103.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	12.5	12.9	2.9	3.2
Edwards:	11.0	13.1	12.3	14.6
Hollinger Office:	7.9	9.1	14.5	18.1
Sandy:	12.4	23.8	14.1	28.7

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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:	1.2	2.0
Edwards:	3.1	9.4
Hollinger Office:	11.8	20.1
Sandy:	9.2	33.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.2	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.3	0.3	0.3
Hollinger West:	0.4	0.5	0.4
Imerys:	0.3	0.9	0.7
Noah:	0.9	0.9	0.8
Moneta Pumping Station:	0.5	0.3	0.3
Sandy:	1.2	0.7	1.1
Water Tower:	0.8	1.4	1.2
Wilson:	1.2	1.3	1.3