

Hollinger Public Blast Report

Blast Pattern: 3298_001
Date: 19-Jan-21
Blast Time: 11:32
Blast Sign Activation: 7:18
Website Notification Time: 7:10

Blast Conditions

Ceiling Height: 1640 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Snow
Wind Speed: 9
Wind Direction: N
Temperature: -13.8 °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:	53.9 LAeq	101.2 dB
Edwards:	49.9 LAeq	90.9 dB
Fred:	42.4 LAeq	97.8 dB
Hollinger Office:	54.9 LAeq	98.2 dB
Noah:	59.2 LAeq	105.6 dB
Sandy:	42.7 LAeq	107.1 dB
Water Tower:	50.1 LAeq	111.2 dB
Wilson:	46.8 LAeq	106.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	15.5	17.3	1.7	2.3
Edwards:	0.9	1.5	7.5	8.6
Hollinger Office:	7.4	10.0	8.7	15.8
Sandy:	6.6	18.0	9.1	19.7

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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:	0.9	1.1
Edwards:	1.9	2.5
Hollinger Office:	5.6	7.9
Sandy:	19.5	86.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.0	0.0
Edwards:	0.1	0.0	0.0
Hollinger Office:	0.1	0.1	0.1
Hollinger West:	0.3	0.6	0.4
Imerys:	0.2	0.2	0.2
Noah:	0.3	0.5	0.3
Moneta Pumping Station:	0.4	0.5	0.3
Sandy:	2.8	1.2	3.6
Water Tower:	0.3	0.5	0.3
Wilson:	1.3	1.6	2.1