

Hollinger Public Blast Report

Blast Pattern: 3298_004
Date: 3-Feb-21
Blast Time: 11:38
Blast Sign Activation: 7:30
Website Notification Time: 7:35

Blast Conditions

Ceiling Height: 656 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 4
Wind Direction: W
Temperature: -13.4 °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:	51.7 LAeq	100.9 dB
Edwards:	52.6 LAeq	93.3 dB
Fred:	43.0 LAeq	91.9 dB
Hollinger Office:	55.2 LAeq	103.0 dB
Noah:	60.8 LAeq	104.2 dB
Sandy:	43.4 LAeq	106.8 dB
Water Tower:	44.9 LAeq	109.4 dB
Wilson:	53.1 LAeq	102.4 dB

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	12.8	13.5	3.9	8.6
Edwards:	8.5	11.7	16.1	23.0
Hollinger Office:	0.0	0.0	9.3	15.2
Sandy:	4.4	6.5	9.1	14.2

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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:	7.6	9.1
Edwards:	12.8	19.4
Hollinger Office:	11.1	18.1
Sandy:	5.4	5.8

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:	0.0	0.0	0.0
Hollinger Office:	0.1	0.1	0.2
Hollinger West:	0.8	2.1	0.9
Imerys:	0.3	0.4	0.3
Noah:	0.3	0.5	0.5
Moneta Pumping Station:	0.3	0.4	0.3
Sandy:	1.0	0.4	1.3
Water Tower:	0.5	1.0	0.5
Wilson:	2.1	1.8	3.7