

Hollinger Public Blast Report

Blast Pattern: 3298_025
Date: 20-Apr-21
Blast Time: 11:41
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 328 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Snow
Wind Speed: 24
Wind Direction: NW
Temperature: -9.7 °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:	57.5 LAeq	112.2 dB
Edwards:	50.1 LAeq	106.8 dB
Fred:	46.9 LAeq	111.0 dB
Hollinger Office:	56.2 LAeq	112.0 dB
Noah:	62.0 LAeq	112.5 dB
Sandy:	46.3 LAeq	107.0 dB
Water Tower:	51.9 LAeq	116.4 dB
Wilson:	49.3 LAeq	111.1 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	21.6	31.0	14.4	37.4
Edwards:	27.5	44.5	13.7	17.8
Hollinger Office:	27.5	36.1	36.6	102.8
Sandy:	35.6	66.8	28.8	66.7

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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:	0.7	1.1
Hollinger Office:	3.0	3.8
Sandy:	1.6	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	0.1	0.1
Hollinger Office:	0.4	0.2	0.9
Hollinger West:	1.5	0.3	1.0
Imerys:	0.8	0.8	0.8
Noah:	1.2	0.7	0.7
Moneta Pumping Station:	1.9	0.8	1.1
Sandy:	2.6	2.0	2.3
Water Tower:	2.1	0.9	2.5
Wilson:	1.6	1.5	1.6