

Hollinger Public Blast Report

Blast Pattern: 3292_010
Date: 27-May-21
Blast Time: 11:36
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 4593 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Snow
Wind Speed: 11
Wind Direction: NW
Temperature: 1.8 °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:	57.2 LAeq	105.6 dB
Edwards:	50.8 LAeq	100.9 dB
Fred:	46.2 LAeq	104.4 dB
Hollinger Office:	56.6 LAeq	108.4 dB
Noah:	62.7 LAeq	107.9 dB
Sandy:	51.5 LAeq	106.8 dB
Water Tower:	51.4 LAeq	118.4 dB
Wilson:	49.9 LAeq	107.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.5	5.0	14.2	16.0
Edwards:	6.6	7.6	7.6	11.4
Hollinger Office:	6.3	7.7	5.6	11.4
Sandy:	6.5	9.5	7.4	11.0

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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:	0.4	0.8
Edwards:	0.4	1.4
Hollinger Office:	2.1	3.0
Sandy:	2.5	4.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.2	0.1
Edwards:	0.1	0.0	0.1
Hollinger Office:	1.7	0.4	0.7
Hollinger West:	0.6	0.2	0.5
Imerys:	0.2	0.0	0.0
Noah:	0.9	0.7	0.7
Moneta Pumping Station:	1.4	0.4	0.7
Sandy:	3.1	1.6	2.8
Water Tower:	2.5	1.3	2.9
Wilson:	1.2	1.1	1.1