

Hollinger Public Blast Report

Blast Pattern: 3304_027
Date: 22-Jan-21
Blast Time: 11:33
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
Wind Speed: 19
Wind Direction: NW
Temperature: -16.9 °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:	53.3 LAeq	110.7 dB
Edwards:	51.6 LAeq	97.5 dB
Fred:	43.8 LAeq	108.1 dB
Hollinger Office:	54.7 LAeq	110.8 dB
Noah:	59.5 LAeq	107.5 dB
Sandy:	43.7 LAeq	111.0 dB
Water Tower:	48.9 LAeq	117.4 dB
Wilson:	55.8 LAeq	107.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	15.1	19.9	1.9	2.3
Edwards:	5.0	11.3	7.3	8.1
Hollinger Office:			9.7	14.2
Sandy:	15.8	39.9	8.1	18.0

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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:	0.8	1.4
Edwards:	2.1	3.4
Hollinger Office:	4.3	10.0
Sandy:	3.4	6.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.6	0.4	0.6
Hollinger West:	0.4	0.4	0.3
Imerys:	1.1	1.0	1.2
Noah:	0.9	1.0	0.8
Moneta Pumping Station:	0.8	0.4	0.6
Sandy:	1.7	1.3	1.6
Water Tower:	0.8	1.3	1.1
Wilson:	1.5	1.6	1.6