

Hollinger Public Blast Report

Blast Pattern: 3310-087
Date: 17-Dec-21
Blast Time: 13:40
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 2,296 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Snow
Wind Speed: 26
Wind Direction: W
Temperature: -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:	56.7 LAeq	112.2 dB
Edwards:	50.5 LAeq	107.8 dB
Fred:	46.9 LAeq	109.5 dB
Hollinger Office:	57.6 LAeq	116.9 dB
Noah:	62.6 LAeq	111.9 dB
Sandy:	45.2 LAeq	104.7 dB
Water Tower:	53.2 LAeq	119.5 dB
Wilson:	48.7 LAeq	109.5 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	13.1	14.7	10.3	12.3
Edwards:	22.4	31.0	26.7	42.8
Hollinger Office:	44.4	62.2	21.2	23.8
Sandy:	14.3	16.2	12.8	16.9

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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:	1.9	4.3
Edwards:	25.5	46.6
Hollinger Office:	12.5	13.3
Sandy:	1.3	1.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.6	1.0	1.3
Edwards:	0.3	0.2	0.4
Hollinger Office:	0.6	0.3	0.7
Hollinger West:	0.3	0.1	0.1
Imerys:	0.4	0.2	0.4
Noah:	0.8	0.5	0.9
Moneta Pumping Station:	0.3	0.1	0.2
Sandy:	0.2	0.2	0.2
Water Tower:	0.3	0.2	0.2
Wilson:	0.9	0.6	0.9