

Hollinger Public Blast Report

Blast Pattern: 3322_086
Date: 12-Jan-21
Blast Time: 11:33
Blast Sign Activation: 7:05
Website Notification Time: 6:52

Blast Conditions

Ceiling Height: 2624 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 13
Wind Direction: SW
Temperature: -0.8 °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:	52.6 LAeq	110.4 dB
Edwards:	49.7 LAeq	97.7 dB
Fred:	45.6 LAeq	99.6 dB
Hollinger Office:	56.2 LAeq	110.9 dB
Noah:	60.8 LAeq	104.0 dB
Sandy:	47.8 LAeq	103.2 dB
Water Tower:	46.8 LAeq	107.9 dB
Wilson:	55.4 LAeq	104.0 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	12.4	13.7	8.0	8.7
Edwards:	4.4	5.0	15.9	17.4
Hollinger Office:	7.4	8.2	18.1	23.0
Sandy:	5.5	6.4	11.0	12.3

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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:	1.1	1.9
Edwards:	2.6	5.9
Hollinger Office:	3.8	4.4
Sandy:	2.2	2.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.7	1.1	0.8
Edwards:	0.2	0.1	0.3
Hollinger Office:	0.4	0.3	0.6
Hollinger West:	0.1	0.1	0.1
Imerys:	0.3	0.3	0.5
Noah:	0.6	0.7	0.5
Moneta Pumping Station:	0.2	0.2	0.3
Sandy:	0.4	0.3	0.5
Water Tower:	0.1	0.1	0.2
Wilson:	0.8	0.5	1.3