

Hollinger Public Blast Report

Blast Pattern: 3322_072B
Date: 24-Mar-21
Blast Time: 15:46
Blast Sign Activation: 8:00
Website Notification Time: 7:36

Blast Conditions

Ceiling Height: 5577 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 11
Wind Direction: E
Temperature: 6.7 °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:	59.5 LAeq	106.6 dB
Edwards:	51.8 LAeq	100.3 dB
Fred:	48.2 LAeq	95.1 dB
Hollinger Office:	58.4 LAeq	117.7 dB
Noah:	62.0 LAeq	111.0 dB
Sandy:	48.6 LAeq	102.8 dB
Water Tower:	54.1 LAeq	119.2 dB
Wilson:	53.6 LAeq	104.7 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	13.7	14.7	12.3	13.5
Edwards:	15.1	19.8	19.7	26.9
Hollinger Office:	19.5	26.4	33.0	51.3
Sandy:	8.0	9.7	15.2	21.5

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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:	1.3	1.8
Edwards:	3.0	4.3
Hollinger Office:	3.7	6.6
Sandy:	19.0	66.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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