

Hollinger Public Blast Report

Blast Pattern: 3316_101
Date: 29-Sep-21
Blast Time: 11:47
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 656 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Rain
Wind Speed: 11
Wind Direction: N
Temperature: 7.8 °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:	57.7 LAeq	104.2 dB
Edwards:	50.2 LAeq	95.6 dB
Fred:	46.6 LAeq	95.8 dB
Hollinger Office:	57.0 LAeq	106.1 dB
Noah:	61.7 LAeq	104.3 dB
Sandy:	44.4 LAeq	97.6 dB
Water Tower:	53.7 LAeq	107.1 dB
Wilson:	51.8 LAeq	100.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	0.4	0.8	1.7	2.3
Edwards:	2.3	2.6	3.9	4.7
Hollinger Office:	7.9	8.7	5.7	8.8
Sandy:	2.9	3.7	3.7	4.2

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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:	0.3	0.5
Edwards:	0.7	1.1
Hollinger Office:	7.7	9.1
Sandy:	2.8	5.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.7	0.4	1.1
Edwards:	0.3	0.2	0.2
Hollinger Office:	0.4	0.1	0.4
Hollinger West:	1.5	0.4	1.2
Imerys:	0.4	0.2	0.4
Noah:	0.0	0.0	0.0
Moneta Pumping Station:	0.5	0.2	0.4
Sandy:	0.3	0.2	0.2
Water Tower:	0.2	0.1	0.4
Wilson:	0.5	0.5	0.7