

Hollinger Public Blast Report

Blast Pattern: 3286_011A
Date: 26-Aug-21
Blast Time: 15:33
Blast Sign Activation: 7:45
Website Notification Time: 7:10

Blast Conditions

Ceiling Height: 3,280 ft
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 20
Wind Direction: NW
Temperature: 18.8 °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:	58.3 LAeq	105.0 dB
Edwards:	55.2 LAeq	97.6 dB
Fred:	49.0 LAeq	108.7 dB
Hollinger Office:	58.2 LAeq	103.8 dB
Noah:	61.4 LAeq	106.1 dB
Sandy:	49.0 LAeq	105.3 dB
Water Tower:	52.2 LAeq	114.5 dB
Wilson:	52.8 LAeq	110.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.1	10.9	0.7	4.8
Edwards:	5.5	7.7	7.0	13.2
Hollinger Office:	12.9	22.9	18.2	82.5
Sandy:	13.9	37.4	22.9	61.2

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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:	0.4	0.5
Edwards:	1.7	3.3
Hollinger Office:	1.9	3.0
Sandy:	1.8	4.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.0	0.1	0.1
Edwards:	0.0	0.0	0.1
Hollinger Office:	0.3	0.2	0.2
Hollinger West:	2.1	0.6	1.6
Imerys:	0.9	1.6	1.6
Noah:	0.5	0.5	0.4
Moneta Pumping Station:	0.9	1.6	1.0
Sandy:	1.7	1.2	1.6
Water Tower:	1.4	0.7	1.8
Wilson:	1.5	2.1	2.2