

Hollinger Public Blast Report

Blast Pattern: 3292_027 & 030
Date: 16-Aug-21
Blast Time: 11:35
Blast Sign Activation: 7:35
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 29,855 ft
Boundary Layer Height: n/a m
Cloud Cover: 0% Clear
Wind Speed: 13
Wind Direction: SW
Temperature: 26.5 °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:	55.8 LAeq	101.0 dB
Edwards:	52.6 LAeq	104.1 dB
Fred:	47.1 LAeq	102.1 dB
Hollinger Office:	62.6 LAeq	106.5 dB
Noah:	60.4 LAeq	108.5 dB
Sandy:	49.1 LAeq	109.7 dB
Water Tower:	49.3 LAeq	117.6 dB
Wilson:	51.3 LAeq	104.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	15.1	16.0	15.5	16.5
Edwards:	25.2	36.4	32.2	50.3
Hollinger Office:	66.7	145.3	81.5	247.2
Sandy:	19.6	29.2	30.5	43.3

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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:	0.7	2.0
Edwards:	7.0	34.1
Hollinger Office:	13.7	25.1
Sandy:	1.4	1.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.0	0.0
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.3	0.1	0.5
Hollinger West:	1.5	0.5	1.2
Imerys:	0.4	0.5	0.3
Noah:	0.4	0.4	0.5
Moneta Pumping Station:	1.1	0.5	0.8
Sandy:	4.8	2.6	3.8
Water Tower:	1.1	0.9	1.4
Wilson:	1.3	1.5	1.5