

Hollinger Public Blast Report

Blast Pattern: 3298-053
Date: 26-Aug-22
Blast Time: 15:37:00 AM
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 29,855 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 7
Wind Direction: S
Temperature: 18.0 °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:	56.4 LAeq	109.8 dB
Edwards:	49.2 LAeq	100.5 dB
Fred:	46.2 LAeq	94.3 dB
Hollinger Office:	60.6 LAeq	109.4 dB
Noah:	61.3 LAeq	103.0 dB
Sandy:	45.5 LAeq	100.7 dB
Water Tower:	50.1 LAeq	96.0 dB
Wilson:	48.3 LAeq	100.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.6	5.4	2.3	3.2
Edwards:	2.5	3.6	4.3	7.5
Hollinger Office:	3.4	7.3	9.7	16.0
Sandy:	1.1	1.3	3.6	4.3

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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:	0.3	0.8
Edwards:	0.1	0.5
Hollinger Office:	0.1	0.5
Sandy:	0.2	0.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.3	0.5
Edwards:	0.1	0.1	0.2
Hollinger Office:	0.7	0.4	0.4
Hollinger West:	0.5	0.1	0.3
Imerys:	0.8	0.6	0.7
Noah:	1.0	0.5	0.7
Moneta Pumping Station:	1.0	0.4	0.9
Sandy:	0.6	0.4	0.7
Water Tower:	0.5	0.4	0.7
Wilson:	1.0	0.5	1.3

