

Hollinger Public Blast Report

Blast Pattern: 3256_005
Date: 26-Jul-22
Blast Time: 15:43
Blast Sign Activation: 7:15
Website Notification Time: 7:00

Blast Conditions

Ceiling Height: 8,202 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 5
Wind Direction: W
Temperature: 25.0 °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:	57.7 LAeq	110.3 dB
Edwards:	51.9 LAeq	108.9 dB
Fred:	47.0 LAeq	104.3 dB
Hollinger Office:	58.1 LAeq	108.2 dB
Noah:	60.6 LAeq	106.6 dB
Sandy:	52.1 LAeq	110.4 dB
Water Tower:	49.1 LAeq	111.8 dB
Wilson:	49.2 LAeq	106.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	10.5	14.5	10.7	19.9
Edwards:	7.1	11.2	16.8	26.8
Hollinger Office:	13.3	15.7	23.6	28.4
Sandy:	10.7	11.8	10.8	12.3

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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:	1.9	4.0
Edwards:	0.8	2.1
Hollinger Office:	1.4	2.4
Sandy:	0.3	0.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.4	0.3	0.4
Hollinger West:	4.2	2.3	2.4
Imerys:	2.0	1.7	1.4
Noah:	1.3	1.3	0.9
Moneta Pumping Station:	1.3	0.8	1.3
Sandy:			
Water Tower:	3.5	3.4	3.4
Wilson:	3.4	2.8	3.5

