

Hollinger Public Blast Report

Blast Pattern: 3298_051
Date: 16-Aug-22
Blast Time: 15:34
Blast Sign Activation: 7:15
Website Notification Time: 7:10

Blast Conditions

Ceiling Height: 29,856 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 13
Wind Direction: NE
Temperature: 25.6 °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:	56.1 LAeq	107.0 dB
Edwards:	49.0 LAeq	103.9 dB
Fred:	44.0 LAeq	105.5 dB
Hollinger Office:	57.6 LAeq	115.9 dB
Noah:	61.3 LAeq	106.7 dB
Sandy:	47.5 LAeq	105.2 dB
Water Tower:	46.9 LAeq	99.0 dB
Wilson:	48.0 LAeq	105.3 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	10.1	10.3	9.9	11.0
Edwards:	6.1	6.8	15.6	17.4
Hollinger Office:	13.9	20.3	21.1	32.3
Sandy:	25.4	54.7	25.8	74.4

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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:	0.0	0.2
Edwards:	0.0	0.0
Hollinger Office:	0.4	0.9
Sandy:	1.1	3.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.6	0.4
Edwards:	0.3	0.2	0.2
Hollinger Office:	1.0	0.5	0.7
Hollinger West:	0.5	0.2	0.6
Imerys:	0.9	0.6	0.8
Noah:	1.0	0.6	0.9
Moneta Pumping Station:	0.7	0.5	1.1
Sandy:	4.6	0.8	1.6
Water Tower:	0.7	0.5	0.8
Wilson:	1.4	1.3	1.7

