

Hollinger Public Blast Report

Blast Pattern: 3298_063
Date: 2-Oct-22
Blast Time: 15:34
Blast Sign Activation: 6:59
Website Notification Time: 7:05

Blast Conditions

Ceiling Height: 29,856 ft
Boundary Layer Height: n/a m
Cloud Cover: 0% Clear
Wind Speed: 7 km/hr
Wind Direction: SW
Temperature: 12.0 °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:	53.6 LAeq	114.2 dB
Edwards:	53.4 LAeq	101.7 dB
Fred:	41.4 LAeq	93.2 dB
Hollinger Office:	63.4 LAeq	114.2 dB
Noah:	58.6 LAeq	101.5 dB
Sandy:	49.9 LAeq	103.1 dB
Water Tower:	48.2 LAeq	108.2 dB
Wilson:	55.4 LAeq	97.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	9.8	13.1	7.8	13.6
Edwards:	15.9	18.3	7.0	18.9
Hollinger Office:	9.6	26.6	12.9	33.4
Sandy:	2.1	3.3	1.6	4.2

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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:	0.1	0.2
Edwards:	0.4	1.7
Hollinger Office:	8.9	19.3
Sandy:	0.1	1.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.7	0.4	0.7
Edwards:	0.4	0.2	0.2
Hollinger Office:	0.7	0.4	0.6
Hollinger West:	0.4	0.1	0.5
Imerys:	0.6	0.3	0.8
Noah:	0.6	0.5	0.8
Moneta Pumping Station:	0.6	0.4	0.8
Sandy:	16.1	0.4	5.8
Water Tower:	0.3	0.2	0.3
Wilson:	1.1	0.8	1.0

