

Hollinger Public Blast Report

Blast Pattern: 3298_067
Date: 14-Oct-22
Blast Time: 11:42
Blast Sign Activation: 7:15
Website Notification Time: 7:11

Blast Conditions

Ceiling Height: 984 ft
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 7 km/hr
Wind Direction: S
Temperature: 6.8 °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:	55.6 LAeq	110.0 dB
Edwards:	55.7 LAeq	101.6 dB
Fred:	52.6 LAeq	101.5 dB
Hollinger Office:	55.3 LAeq	115.7 dB
Noah:	59.5 LAeq	107.3 dB
Sandy:	LAeq	dB
Water Tower:	50.6 LAeq	113.5 dB
Wilson:	53.0 LAeq	101.0 dB

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	14.4	19.1	12.7	18.2
Edwards:	5.2	5.8	23.6	29.9
Hollinger Office:	10.2	13.0	26.8	32.0
Sandy:	8.0	9.9	19.3	23.8

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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:	2.4	7.9
Edwards:	1.0	2.3
Hollinger Office:	4.5	14.9
Sandy:	0.5	0.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.3	0.5
Edwards:	0.1	0.1	0.2
Hollinger Office:	1.2	0.7	0.7
Hollinger West:	0.3	0.1	0.3
Imerys:	0.9	0.5	1.2
Noah:	1.0	0.5	1.3
Moneta Pumping Station:	0.3	0.2	0.4
Sandy:	1.4	0.3	0.5
Water Tower:	0.5	0.3	0.6
Wilson:	1.3	0.7	0.9

