

Hollinger Public Blast Report

Blast Pattern: 3298_080_3298 KNOB
Date: 5-Nov-22
Blast Time: 11:32
Blast Sign Activation: 7:12
Website Notification Time: 7:05

Blast Conditions

Ceiling Height: 2,953 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Rain
Wind Speed: 17
Wind Direction: E
Temperature: 2.5 °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:	60.5 LAeq	105.0 dB
Edwards:	51.6 LAeq	108.4 dB
Fred:	47.8 LAeq	103.6 dB
Hollinger Office:	60.0 LAeq	114.0 dB
Noah:	63.7 LAeq	109.5 dB
Sandy:	48.2 LAeq	108.4 dB
Water Tower:	55.6 LAeq	117.1 dB
Wilson:	51.1 LAeq	107.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	1.8	2.1	2.2	2.3
Edwards:	0.5	1.1	4.7	7.2
Hollinger Office:	0.0	0.0	65.5	65.9
Sandy:	1.2	3.5	3.5	6.8

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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:	0.0	0.1
Edwards:	1.2	1.5
Hollinger Office:	0.3	0.9
Sandy:	8.8	26.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.3	0.3
Edwards:	0.1	0.1	0.1
Hollinger Office:	1.0	0.3	0.7
Hollinger West:	0.4	0.2	0.3
Imerys:	1.1	0.5	1.0
Noah:	1.0	0.5	1.2
Moneta Pumping Station:	0.4	0.2	0.3
Sandy:	0.4	0.3	0.6
Water Tower:	0.5	0.3	0.5
Wilson:	1.2	0.8	0.9

