

Hollinger Public Blast Report

Blast Pattern: 3310_085
Date: 6-Dec-21
Blast Time: 11:31
Blast Sign Activation: 7:15
Website Notification Time: 7:00

Blast Conditions

Ceiling Height:	295	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	100%	Overcast Snow
Wind Speed:	11	
Wind Direction:	N	
Temperature:	-8.5	°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:	45.2 LAeq	100.1 dB
Edwards:	47.0 LAeq	93.6 dB
Fred:	35.3 LAeq	93.6 dB
Hollinger Office:	51.3 LAeq	107.7 dB
Noah:	53.2 LAeq	101.0 dB
Sandy:	38.6 LAeq	96.6 dB
Water Tower:	43.3 LAeq	103.5 dB
Wilson:	47.5 LAeq	96.0 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.5	8.2	3.1	3.4
Edwards:	4.3	5.3	5.6	6.3
Hollinger Office:	38.9	51.2	5.7	6.4
Sandy:	10.0	20.6	5.5	7.3

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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:	0.5	0.6
Edwards:	17.7	20.1
Hollinger Office:	13.7	17.4
Sandy:	12.2	56.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.2	0.4
Edwards:	0.1	0.0	0.1
Hollinger Office:	3.8	1.6	4.6
Hollinger West:	0.1	0.1	0.1
Imerys:	1.1	0.9	0.7
Noah:	1.0	0.8	0.9
Moneta Pumping Station:	0.2	0.1	0.2
Sandy:	0.1	0.1	0.1
Water Tower:	0.6	0.4	0.5
Wilson:	0.6	0.3	0.5