

Hollinger Public Blast Report

Blast Pattern: 3328_127
Date: 22-Oct-20
Blast Time: 11:49
Blast Sign Activation: 7:30
Website Notification Time: 7:30

Blast Conditions

Ceiling Height:	656	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	100%	Overcast
Wind Speed:	6	km/hr
Wind Direction:	W	
Temperature:	3.2	°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:	56.5 LAeq	105.4 dB
Edwards:	50.6 LAeq	98.0 dB
Fred:	43.9 LAeq	98.8 dB
Hollinger Office:	57.4 LAeq	108.9 dB
Noah:	62.0 LAeq	102.2 dB
Sandy:	47.8 LAeq	95.8 dB
Water Tower:	52.4 LAeq	104.1 dB
Wilson:	48.7 LAeq	97.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.2	5.8	4.0	4.8
Edwards:	0.7	1.3	2.8	3.1
Hollinger Office:	16.7	32.1	26.5	53.7
Sandy:	2.6	4.1	5.1	8.0

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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:	4.3	8.1
Edwards:	1.9	7.0
Hollinger Office:	10.4	16.2
Sandy:	1.4	1.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	3.0	1.5	1.2
Edwards:	0.2	0.1	0.3
Hollinger Office:	0.4	0.1	0.2
Hollinger West:	0.1	0.0	0.1
Imerys:	0.2	0.2	0.2
Noah:	0.3	0.5	0.4
Moneta Pumping Station:	0.1	0.1	0.1
Sandy:	0.1	0.0	0.1
Water Tower:	0.1	0.1	0.2
Wilson:	0.2	0.1	0.3