

Hollinger Public Blast Report

Blast Pattern: 3310-076
Date: 28-Dec-21
Blast Time: 11:33
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height:	1,600	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	100%	Overcast Snow
Wind Speed:	9	
Wind Direction:	W	
Temperature:	-11.4	°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:	50.7 LAeq	107.8 dB
Edwards:	46.5 LAeq	100.2 dB
Fred:	39.2 LAeq	95.5 dB
Hollinger Office:	51.5 LAeq	109.4 dB
Noah:	58.8 LAeq	98.9 dB
Sandy:	LAeq	dB
Water Tower:	45.1 LAeq	108.2 dB
Wilson:	49.2 LAeq	104.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.0	7.2	4.4	6.3
Edwards:	8.7	21.5	11.5	28.5
Hollinger Office:	16.2	36.5	18.2	38.0
Sandy:	0.0	0.0	6.4	7.5

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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:	6.0	12.2
Edwards:	20.9	25.8
Hollinger Office:	16.2	22.6
Sandy:	3.4	4.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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