

Hollinger Public Blast Report

Blast Pattern: 3280_010
Date: 30-Nov-21
Blast Time: 13:12:00 AM
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height:	1,312	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	100%	Overcast Snow
Wind Speed:	11	
Wind Direction:	S	
Temperature:	-2.4	°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:	52.2 LAeq	95.9 dB
Edwards:	51.2 LAeq	96.3 dB
Fred:	43.7 LAeq	96.7 dB
Hollinger Office:	54.2 LAeq	103.4 dB
Noah:	58.8 LAeq	101.0 dB
Sandy:	45.2 LAeq	96.4 dB
Water Tower:	45.4 LAeq	106.1 dB
Wilson:	50.6 LAeq	97.5 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.8	5.7	5.3	6.4
Edwards:	3.7	4.3	7.4	9.3
Hollinger Office:	7.8	9.1	8.3	10.5
Sandy:	4.7	7.0	5.2	6.5

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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:	2.7	6.2
Edwards:	18.0	21.1
Hollinger Office:	12.7	17.8
Sandy:	2.2	3.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.0	0.0	0.0
Edwards:	0.0	0.0	0.0
Hollinger Office:	0.0	0.0	0.0
Hollinger West:	0.0	0.0	0.0
Imerys:	0.0	0.1	0.1
Noah:	0.4	0.6	0.4
Moneta Pumping Station:	0.0	0.0	0.0
Sandy:	0.0	0.0	0.0
Water Tower:	0.0	0.0	0.0
Wilson:	0.3	0.1	0.2