

Hollinger Public Blast Report

Blast Pattern: 3280_019
Date: 13-Jan-22
Blast Time: 11:35
Blast Sign Activation: 7:10
Website Notification Time: 7:15

Blast Conditions

Ceiling Height:	3,937	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	100%	Overcast Snow
Wind Speed:	13	
Wind Direction:	S	
Temperature:	-17.8	°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:	49.9 LAeq	103.2 dB
Edwards:	44.5 LAeq	101.8 dB
Fred:	43.5 LAeq	96.8 dB
Hollinger Office:	50.5 LAeq	107.3 dB
Noah:	56.5 LAeq	101.2 dB
Sandy:	43.2 LAeq	89.5 dB
Water Tower:	43.6 LAeq	105.5 dB
Wilson:	51.1 LAeq	111.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.8	6.0	3.7	4.1
Edwards:	3.7	4.5	6.6	7.2
Hollinger Office:	8.6	21.1	10.1	35.3
Sandy:	0.0	0.0	7.2	13.7

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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:	2.1	7.2
Edwards:	13.8	15.5
Hollinger Office:	0.0	0.0
Sandy:	1.9	3.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.0	0.0	0.0
Hollinger Office:	0.3	0.3	0.3
Hollinger West:	1.7	1.6	1.4
Imerys:	0.0	0.0	0.0
Noah:	1.2	1.3	1.3
Moneta Pumping Station:	0.3	0.2	0.3
Sandy:	0.9	0.3	0.7
Water Tower:	2.3	3.3	1.8
Wilson:	1.7	1.4	1.5