

Hollinger Public Blast Report

Blast Pattern: 3310_092
Date: 4-Jan-22
Blast Time: 11:32
Blast Sign Activation: 10:10
Website Notification Time: 11:00

Blast Conditions

Ceiling Height:	1,100	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	100%	Overcast
Wind Speed:	14	
Wind Direction:	NE	
Temperature:	-16.9	°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:	53.7 LAeq	109.5 dB
Edwards:	42.3 LAeq	95.8 dB
Fred:	37.9 LAeq	88.9 dB
Hollinger Office:	52.9 LAeq	113.8 dB
Noah:	58.0 LAeq	101.2 dB
Sandy:	LAeq	dB
Water Tower:	42.2 LAeq	107.1 dB
Wilson:	51.7 LAeq	96.3 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	2.3	2.4	2.3	2.4
Edwards:	2.0	2.5	5.5	6.5
Hollinger Office:	8.1	8.7	5.1	5.9
Sandy:	2.1	3.8	5.5	11.1

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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	1.4
Edwards:	17.1	18.5
Hollinger Office:	7.6	10.1
Sandy:	22.7	113.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	2.3	1.6	3.4
Edwards:	0.3	0.2	0.4
Hollinger Office:	0.4	0.3	0.4
Hollinger West:	0.2	0.1	0.1
Imerys:	0.3	0.2	0.3
Noah:	0.8	0.4	0.7
Moneta Pumping Station:	0.2	0.1	0.2
Sandy:	0.2	0.2	0.3
Water Tower:	0.2	0.2	0.3
Wilson:	1.0	0.3	1.7