

Hollinger Public Blast Report

Blast Pattern: 3274_004
Date: 17-Jan-22
Blast Time: 11:32
Blast Sign Activation: 7:30
Website Notification Time: 7:19

Blast Conditions

Ceiling Height:	1,312	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	100%	Overcast Snow
Wind Speed:	15	
Wind Direction:	N	
Temperature:	-10	°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:	56.7 LAeq	104.8 dB
Edwards:	49.9 LAeq	101.2 dB
Fred:	42.7 LAeq	107.0 dB
Hollinger Office:	54.0 LAeq	108.5 dB
Noah:	59.5 LAeq	103.3 dB
Sandy:	40.5 LAeq	105.3 dB
Water Tower:	47.8 LAeq	114.0 dB
Wilson:	56.5 LAeq	109.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.4	7.8	5.3	6.4
Edwards:	5.7	6.4	10.9	12.3
Hollinger Office:	11.6	12.2	7.0	7.9
Sandy:	0.0	0.0	15.7	28.0

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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:	0.1	0.4
Edwards:	16.8	17.5
Hollinger Office:	0.0	0.0
Sandy:	3.4	4.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.3
Edwards:	0.1	0.0	0.1
Hollinger Office:	0.2	0.2	0.3
Hollinger West:	0.8	0.7	0.8
Imerys:	0.4	0.4	0.2
Noah:	1.1	0.6	0.7
Moneta Pumping Station:	0.6	0.4	0.7
Sandy:	2.5	1.9	2.1
Water Tower:	0.7	1.1	0.6
Wilson:	1.7	2.0	3.1