

Hollinger Public Blast Report

Blast Pattern: 3304_031
Date: 5-Feb-21
Blast Time: 11:32
Blast Sign Activation: 7:27
Website Notification Time: 7:16

Blast Conditions

Ceiling Height: 984 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Snow
Wind Speed: 15
Wind Direction: SE
Temperature: -1.8 °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:	54.6 LAeq	103.4 dB
Edwards:	47.6 LAeq	102.9 dB
Fred:	42.8 LAeq	101.4 dB
Hollinger Office:	58.1 LAeq	115.9 dB
Noah:	58.4 LAeq	106.2 dB
Sandy:	47.9 LAeq	106.1 dB
Water Tower:	50.2 LAeq	114.8 dB
Wilson:	55.4 LAeq	105.5 dB

Dust Levels (µg/m³) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.5	8.1	4.5	6.4
Edwards:	5.3	6.2	8.4	10.4
Hollinger Office:	1.6	1.6	13.0	20.1
Sandy:	3.8	4.4	5.3	7.1

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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:	1.5	2.5
Edwards:	1.9	3.1
Hollinger Office:	1.6	3.0
Sandy:	1.2	1.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.0	0.1
Edwards:	0.0	0.0	0.0
Hollinger Office:	0.2	0.2	0.3
Hollinger West:			
Imerys:	0.3	0.5	0.4
Noah:	0.4	0.6	0.4
Moneta Pumping Station:	0.1	0.1	0.1
Sandy:	0.6	0.3	0.5
Water Tower:	1.1	1.5	0.9
Wilson:	0.4	0.5	0.5