

Hollinger Public Blast Report

Blast Pattern: 3298_009
Date: 23-Feb-21
Blast Time: 11:34
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1640 ft
 Boundary Layer Height: n/a m
 Cloud Cover: 100% Overcast Snow
 Wind Speed: 15
 Wind Direction: W
 Temperature: 2.3 °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:	55.0 LAeq	107.9 dB
Edwards:	51.0 LAeq	101.5 dB
Fred:	44.9 LAeq	100.4 dB
Hollinger Office:	56.6 LAeq	107.4 dB
Noah:	58.9 LAeq	102.1 dB
Sandy:	46.2 LAeq	110.8 dB
Water Tower:	45.9 LAeq	115.0 dB
Wilson:	52.8 LAeq	105.0 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	13.4	16.7	9.8	11.3
Edwards:	8.6	11.7	25.4	34.7
Hollinger Office:	2.1	2.6	23.7	33.9
Sandy:	5.1	7.2	13.7	22.1

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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:	5.6	8.4
Edwards:	8.3	13.2
Hollinger Office:	7.0	11.7
Sandy:	7.7	28.4

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	0.1
Hollinger Office:	0.3	0.3	0.4
Hollinger West:	1.4	2.0	1.2
Imerys:	0.7	1.0	0.5
Noah:	0.7	1.0	1.0
Moneta Pumping Station:	0.3	0.4	0.4
Sandy:	1.6	0.8	1.8
Water Tower:	1.4	2.4	1.1
Wilson:	2.7	2.0	2.9