

Hollinger Public Blast Report

Blast Pattern: 3304_010
Date: 17-Nov-20
Blast Time: 11:40
Blast Sign Activation: 8:21
Website Notification Time: 8:14

Blast Conditions

Ceiling Height: 1312 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Snow
Wind Speed: 19 km/hr
Wind Direction: NW
Temperature: -11.1 °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:	56.1 LAeq	110.9 dB
Edwards:	55.1 LAeq	103.2 dB
Fred:	45.2 LAeq	108.6 dB
Hollinger Office:	59.1 LAeq	112.0 dB
Noah:	62.9 LAeq	107.5 dB
Sandy:	46.0 LAeq	111.8 dB
Water Tower:	51.4 LAeq	119.7 dB
Wilson:	50.5 LAeq	108.3 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	18.0	19.2	7.6	8.5
Edwards:	25.5	28.8	15.3	17.7
Hollinger Office:	31.9	34.9	17.8	20.1
Sandy:	17.3	18.8	13.6	16.0

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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:	1.3	1.7
Edwards:	1.4	2.0
Hollinger Office:	3.4	4.7
Sandy:	3.6	11.3

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:	0.1	0.0	0.1
Hollinger Office:	0.3	0.3	0.5
Hollinger West:	3.2	1.7	3.7
Imerys:	1.5	1.4	1.5
Noah:	1.4	1.5	1.7
Moneta Pumping Station:	0.5	0.4	0.5
Sandy:	1.3	0.5	1.5
Water Tower:	2.3	2.5	2.5
Wilson:	2.9	1.9	3.1