

Hollinger Public Blast Report

Blast Pattern: 3304_012
Date: 7-Dec-20
Blast Time: 11:31
Blast Sign Activation: N/A
Website Notification Time: 7:00

Blast Conditions

Ceiling Height: 295 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 6 km/hr
Wind Direction: NW
Temperature: -9.1 °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:	55.5 LAeq	99.8 dB
Edwards:	46.1 LAeq	92.4 dB
Fred:	43.3 LAeq	93.6 dB
Hollinger Office:	56.8 LAeq	102.0 dB
Noah:	60.3 LAeq	101.4 dB
Sandy:	43.7 LAeq	109.3 dB
Water Tower:	46.9 LAeq	109.8 dB
Wilson:	47.1 LAeq	103.7 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	9.4	9.6	2.2	2.5
Edwards:	2.4	3.7	8.1	9.7
Hollinger Office:	2.2	3.1	7.3	11.1
Sandy:	5.6	13.6	9.0	33.5

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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	0.8
Edwards:	1.4	2.8
Hollinger Office:	5.5	12.1
Sandy:	4.0	5.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.2	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.4	0.3	0.4
Hollinger West:	1.3	1.6	1.7
Imerys:	0.8	1.4	0.9
Noah:	1.1	1.2	1.1
Moneta Pumping Station:	0.3	0.3	0.3
Sandy:	1.3	0.4	1.0
Water Tower:	2.8	2.0	3.2
Wilson:	2.1	1.3	1.9