

Hollinger Public Blast Report

Blast Pattern: 3328_120
Date: 21-Dec-20
Blast Time: 11:49
Blast Sign Activation: 8:20
Website Notification Time: 7:25

Blast Conditions

Ceiling Height: 100 ft
Boundary Layer Height: n/a m
Cloud Cover: 75% Cloudy
Wind Speed: 17
Wind Direction: N
Temperature: -2.2 °C

Noise Levels (L_{Aeq}) – Noise Monitoring Instruments Reviewed:

Noise Alert:

Blast Siren Locations:

- 1: Hollinger Office
- 2: Shania Twain
- 3: Extencicare

	L_{Aeq}	L_{peak} dB
Comfort Inn:	56.4 LAeq	117.3 dB
Edwards:	49.0 LAeq	108.6 dB
Fred:	44.9 LAeq	97.7 dB
Hollinger Office:	57.2 LAeq	127.2 dB
Noah:	60.1 LAeq	118.3 dB
Sandy:	44.5 LAeq	115.7 dB
Water Tower:	51.5 LAeq	123.6 dB
Wilson:	47.9 LAeq	115.7 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	9.9	12.1	5.9	8.0
Edwards:	7.8	17.1	15.7	39.8
Hollinger Office:	7.3	10.0	12.7	19.9
Sandy:	4.9	18.4	11.1	43.8

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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:	1.7	5.6
Edwards:	2.9	8.2
Hollinger Office:	6.8	13.1
Sandy:	5.6	19.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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