

Hollinger Public Blast Report

Blast Pattern: 3322_061
Date: 19-Mar-20
Blast Time: 11:35
Blast Sign Activation: 7:38
Website Notification Time: 6:51

Blast Conditions

Ceiling Height: 4593 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Snow
Wind Speed: 4 km/hr
Wind Direction: N
Temperature: 1.1 °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:	48.9 LAeq	100.3 dB
Edwards:	42.9 LAeq	93.6 dB
Fred:	39.3 LAeq	86.6 dB
Hollinger Office:	50.7 LAeq	104.0 dB
Noah:	57.3 LAeq	102.6 dB
Sandy:	40.9 LAeq	103.3 dB
Water Tower:	48.6 LAeq	112.2 dB
Wilson:	52.2 LAeq	99.7 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.5	9.5	7.2	9.4
Edwards:	5.3	6.7	13.0	18.4
Hollinger Office:	10.6	17.2	13.4	24.8
Sandy:	5.6	5.9	8.5	9.2

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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:	2.4	5.5
Edwards:	2.2	3.9
Hollinger Office:	7.8	10.6
Sandy:	3.1	5.7

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	0.0
Hollinger Office:	0.4	0.3	0.3
Hollinger West:	1.8	1.7	3.6
Imerys:	0.4	1.0	0.5
Noah:	0.9	0.7	1.1
Moneta Pumping Station:	0.3	0.2	0.3
Sandy:	0.7	0.3	0.6
Water Tower:	2.2	1.9	1.4
Wilson:	2.3	2.0	2.4