

Hollinger Public Blast Report

Blast Pattern: 3322_056, 3334_131
Date: 16-Feb-20
Blast Time: 11:34
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1968 ft
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 17 km/hr
Wind Direction: W
Temperature: -13.6 °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:	50.9 LAeq	104.5 dB
Edwards:	45.7 LAeq	105.2 dB
Fred:	38.9 LAeq	103.7 dB
Hollinger Office:	50.9 LAeq	113.3 dB
Noah:	58.9 LAeq	107.0 dB
Sandy:	39.8 LAeq	109.6 dB
Water Tower:	46.6 LAeq	112.8 dB
Wilson:	54.0 LAeq	109.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.4	8.0	4.2	6.5
Edwards:	10.3	17.8	15.1	26.8
Hollinger Office:	11.5	24.2	16.8	40.2
Sandy:	8.3	9.2	6.9	8.4

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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:	0.9	1.1
Edwards:	4.2	11.1
Hollinger Office:	3.8	5.9
Sandy:	2.8	3.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.3	0.5
Edwards:	0.3	0.1	0.2
Hollinger Office:	0.2	0.2	0.3
Hollinger West:	1.6	1.0	2.5
Imerys:	0.4	0.5	1.0
Noah:	1.8	0.9	1.6
Moneta Pumping Station:	0.3	0.2	0.3
Sandy:	1.1	0.4	1.0
Water Tower:	1.0	0.7	0.7
Wilson:	4.2	3.3	3.2