

Hollinger Public Blast Report

Blast Pattern: 3322_057
Date: 23-Feb-20
Blast Time: 11:31
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 14108 ft
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 9 km/hr
Wind Direction: S
Temperature: 2.3 °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:	49.6 LAeq	97.4 dB
Edwards:	43.7 LAeq	101.2 dB
Fred:	40.6 LAeq	102.0 dB
Hollinger Office:	50.2 LAeq	107.2 dB
Noah:	56.1 LAeq	105.1 dB
Sandy:	42.0 LAeq	105.9 dB
Water Tower:	50.7 LAeq	114.6 dB
Wilson:	56.4 LAeq	103.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	11.8	12.3	9.3	9.6
Edwards:	6.0	10.7	19.6	39.6
Hollinger Office:	18.1	21.2	56.7	67.6
Sandy:	5.8	6.1	13.1	13.9

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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:	2.2	4.9
Edwards:	1.8	3.5
Hollinger Office:	8.6	25.8
Sandy:	2.6	3.3

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:	0.0	0.0	0.1
Hollinger Office:	0.1	0.1	0.2
Hollinger West:	1.5	1.1	2.4
Imerys:	0.2	0.3	0.4
Noah:	0.7	0.4	0.5
Moneta Pumping Station:	0.4	0.4	0.6
Sandy:	3.3	1.4	2.2
Water Tower:	0.5	0.5	0.4
Wilson:	3.8	2.5	3.1