

Hollinger Public Blast Report

Blast Pattern: 3304_088
Date: 1-Oct-22
Blast Time: 11:40
Blast Sign Activation: 7:15
Website Notification Time: 7:13

Blast Conditions

Ceiling Height: 2,297 ft
Boundary Layer Height: n/a m
Cloud Cover: 75% Cloudy
Wind Speed: 15 km/hr
Wind Direction: n/a
Temperature: 5.1 °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:	56.6 LAeq	106.4 dB
Edwards:	49.7 LAeq	101.2 dB
Fred:	44.5 LAeq	100.9 dB
Hollinger Office:	55.4 LAeq	110.4 dB
Noah:	59.5 LAeq	107.0 dB
Sandy:	45.9 LAeq	108.2 dB
Water Tower:	49.8 LAeq	112.8 dB
Wilson:	49.7 LAeq	102.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	1.4	2.0	1.1	1.8
Edwards:	2.8	3.2	4.4	6.8
Hollinger Office:	2.6	4.2	4.3	9.4
Sandy:	2.2	4.3	3.0	10.6

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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:	0.0	0.0
Edwards:	0.1	0.4
Hollinger Office:	1.4	1.9
Sandy:	3.6	9.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.0	0.7	0.7
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.8	0.4	0.7
Hollinger West:	0.2	0.1	0.1
Imerys:	0.9	0.2	0.7
Noah:	0.9	0.4	0.5
Moneta Pumping Station:	0.2	0.1	0.2
Sandy:	6.7	0.2	2.1
Water Tower:	0.2	0.2	0.3
Wilson:	0.9	0.8	0.9

