

Hollinger Public Blast Report

Blast Pattern: 3304_090B 3304_091
Date: 17-Oct-22
Blast Time: 11:39
Blast Sign Activation: 7:23
Website Notification Time: 7:04

Blast Conditions

Ceiling Height: 295 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 13 km/hr
Wind Direction: N
Temperature: 4.1 °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:	60.9 LAeq	111.4 dB
Edwards:	50.8 LAeq	98.7 dB
Fred:	46.7 LAeq	98.8 dB
Hollinger Office:	57.3 LAeq	109.8 dB
Noah:	61.7 LAeq	101.9 dB
Sandy:	LAeq	dB
Water Tower:	51.0 LAeq	108.1 dB
Wilson:	48.8 LAeq	101.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	1.6	2.1	0.2	0.6
Edwards:	3.8	4.1	2.7	3.5
Hollinger Office:	2.0	4.2	4.0	6.2
Sandy:	5.5	11.5	5.9	11.8

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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:	0.2	0.5
Edwards:	0.2	0.3
Hollinger Office:	4.1	5.5
Sandy:	5.4	9.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.7	0.5	0.7
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.6	0.3	0.7
Hollinger West:	0.1	0.1	0.1
Imerys:	0.4	0.2	0.5
Noah:	0.6	0.3	0.5
Moneta Pumping Station:	0.1	0.0	0.1
Sandy:	2.1	0.1	0.8
Water Tower:	0.2	0.1	0.2
Wilson:	0.9	0.3	0.6

