

Hollinger Public Blast Report

Blast Pattern: 3316_021
Date: 23-Jun-20
Blast Time: 11:34
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 61 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Rain
Wind Speed: 16 km/hr
Wind Direction: NE
Temperature: 15.8 °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:	61.6 LAeq	104.0 dB
Edwards:	53.9 LAeq	98.4 dB
Fred:	50.2 LAeq	104.6 dB
Hollinger Office:	61.8 LAeq	106.0 dB
Noah:	68.2 LAeq	109.8 dB
Sandy:	52.2 LAeq	110.7 dB
Water Tower:	55.2 LAeq	112.4 dB
Wilson:	52.1 LAeq	108.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	15.1	15.4	31.4	32.2
Edwards:	0.2	1.1	9.9	12.8
Hollinger Office:	4.3	5.1	15.3	18.0
Sandy:	2.6	4.1	9.1	12.0

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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:	0.1	0.3
Edwards:	0.8	1.4
Hollinger Office:	4.4	9.9
Sandy:	2.9	8.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.0	0.0
Edwards:	0.1	0.0	0.1
Hollinger Office:	0.4	0.1	0.3
Hollinger West:	4.8	3.4	2.8
Imerys:	0.5	0.6	0.8
Noah:	0.3	0.5	0.4
Moneta Pumping Station:	1.0	0.6	0.6
Sandy:	2.5	0.8	2.8
Water Tower:	1.0	0.6	1.4
Wilson:	2.6	5.1	3.4