

Hollinger Public Blast Report



Blast Pattern: 3328_041
Date: 11-Sep-19
Blast Time: 15:45
Blast Sign Activation: 7:29
Website Notification Time: 7:19

Blast Conditions

Ceiling Height: 300 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 11 km/hr
Wind Direction: N
Temperature: 9.7 °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:	56.8 LAeq	100.1 dB
Edwards:	49.7 LAeq	97.7 dB
Fred:	44.7 LAeq	101.3 dB
Hollinger Office:	56.9 LAeq	103.4 dB
Noah:	62.9 LAeq	102.4 dB
Sandy:	43.9 LAeq	106.3 dB
Water Tower:	50.3 LAeq	113.5 dB
Wilson:	49.5 LAeq	107.1 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	9.1	9.6	2.0	2.2
Edwards:	5.6	7.0	8.2	11.5
Hollinger Office:	7.1	11.9	15.2	23.7
Sandy:	4.6	8.0	7.6	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:	0.1	0.2
Edwards:	1.4	1.6
Hollinger Office:	5.4	7.0
Sandy:	4.1	6.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.5	0.4	0.8
Hollinger West:	0.4	0.2	0.4
Imerys:	1.0	0.8	1.5
Noah:	1.1	1.0	1.3
Moneta Pumping Station:	0.4	0.2	0.5
Sandy:	1.0	0.4	0.9
Water Tower:	1.9	1.6	4.1
Wilson:	1.1	1.3	1.5