

Hollinger Public Blast Report



Blast Pattern: 3346_187
Date: 14-Sep-19
Blast Time: 11:43
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 500 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 19 km/hr
Wind Direction: SW
Temperature: 13.8 °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:	56.7 LAeq	112.3 dB
Edwards:	53.7 LAeq	110.9 dB
Fred:	47.9 LAeq	107.0 dB
Hollinger Office:	56.7 LAeq	111.9 dB
Noah:	62.8 LAeq	108.1 dB
Sandy:	48.1 LAeq	106.0 dB
Water Tower:	54.3 LAeq	119.9 dB
Wilson:	50.0 LAeq	112.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	22.4	22.5	2.8	3.1
Edwards:	3.8	4.5	5.4	7.6
Hollinger Office:	10.0	14.3	20.1	29.6
Sandy:	1.9	2.1	5.0	5.9

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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:	0.8	2.3
Edwards:	2.1	3.8
Hollinger Office:	6.2	8.0
Sandy:	1.0	1.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.2	0.3
Edwards:	0.1	0.1	0.1
Hollinger Office:	1.6	0.4	1.7
Hollinger West:	0.1	0.1	0.1
Imerys:	0.6	0.2	0.5
Noah:	0.5	0.3	0.4
Moneta Pumping Station:	0.1	0.0	0.1
Sandy:	0.1	0.1	0.1
Water Tower:	0.2	0.1	0.2
Wilson:	0.5	0.2	0.3