

Hollinger Public Blast Report



Blast Pattern: 3340_118
Date: 28-Sep-19
Blast Time: 11:47
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 10000 ft
Boundary Layer Height: n/a m
Cloud Cover: 0% Clear
Wind Speed: 7 km/hr
Wind Direction: NW
Temperature: 8.1 °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:	54.6 LAeq	114.6 dB
Edwards:	48.9 LAeq	98.4 dB
Fred:	41.3 LAeq	93.0 dB
Hollinger Office:	55.4 LAeq	110.2 dB
Noah:	62.8 LAeq	102.0 dB
Sandy:	41.6 LAeq	97.6 dB
Water Tower:	47.4 LAeq	108.5 dB
Wilson:	45.5 LAeq	99.1 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	21.9	22.0	0.2	0.5
Edwards:	5.5	5.9	5.3	6.1
Hollinger Office:	6.8	17.6	5.6	23.0
Sandy:	2.6	3.1	4.5	5.5

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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	0.5
Edwards:	1.2	1.8
Hollinger Office:	1.7	2.6
Sandy:	2.1	3.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.4	0.8	1.0
Edwards:	0.3	0.2	0.4
Hollinger Office:	0.6	0.3	0.4
Hollinger West:	0.1	0.1	0.2
Imerys:	0.3	0.3	0.6
Noah:	0.6	0.3	0.5
Moneta Pumping Station:	0.3	0.3	0.3
Sandy:	0.2	0.2	0.2
Water Tower:	0.4	0.1	0.3
Wilson:	0.9	0.4	1.1