

Hollinger Public Blast Report



Blast Pattern: 3340_119, 3328_011 PS
Date: 30-Sep-19
Blast Time: 15:45
Blast Sign Activation: 8:57
Website Notification Time: 8:45

Blast Conditions

Ceiling Height: 1700 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 15 km/hr
Wind Direction: E
Temperature: 10.5 °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:	56.3 LAeq	104.1 dB
Edwards:	54.1 LAeq	101.2 dB
Fred:	44.2 LAeq	96.8 dB
Hollinger Office:	56.6 LAeq	114.1 dB
Noah:	62.2 LAeq	106.0 dB
Sandy:	44.9 LAeq	103.2 dB
Water Tower:	51.8 LAeq	107.8 dB
Wilson:	53.3 LAeq	100.3 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	26.5	26.7	3.8	4.9
Edwards:	8.1	8.4	14.1	16.4
Hollinger Office:	10.0	10.5	10.8	12.7
Sandy:	8.4	9.3	12.2	14.5

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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:	1.0	1.9
Edwards:	1.8	2.4
Hollinger Office:	1.5	2.4
Sandy:	3.9	8.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.4	0.4
Edwards:	0.2	0.2	0.2
Hollinger Office:	2.4	1.1	2.2
Hollinger West:	0.2	0.1	0.2
Imerys:	1.6	2.2	2.5
Noah:	0.8	0.8	1.0
Moneta Pumping Station:	0.4	0.3	0.3
Sandy:	0.3	0.1	0.3
Water Tower:	1.0	0.8	1.3
Wilson:	1.3	0.6	0.8