

Hollinger Public Blast Report



Blast Pattern: 3328_020
Date: 22-Jul-19
Blast Time: 11:48
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 30000 ft
Boundary Layer Height: n/a m
Cloud Cover: 75% Cloudy
Wind Speed: 17 km/hr
Wind Direction: W
Temperature: 20.3 °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:	55.6 LAeq	106.2 dB
Edwards:	51.7 LAeq	102.7 dB
Fred:	45.1 LAeq	105.5 dB
Hollinger Office:	57.5 LAeq	107.7 dB
Noah:	62.7 LAeq	109.6 dB
Sandy:	49.0 LAeq	104.9 dB
Water Tower:	48.7 LAeq	114.5 dB
Wilson:	49.3 LAeq	105.0 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.4	9.5	5.1	6.7
Edwards:	9.8	13.7	19.2	31.3
Hollinger Office:	36.5	66.3	37.5	89.3
Sandy:	5.7	6.2	9.3	13.4

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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	2.4
Edwards:	3.8	8.0
Hollinger Office:	4.8	8.7
Sandy:	0.6	1.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.0	0.0	0.0
Hollinger Office:	0.2	0.2	0.3
Hollinger West:	0.3	0.2	0.5
Imerys:	0.5	0.2	0.6
Noah:	0.6	0.6	0.7
Moneta Pumping Station:	0.3	0.1	0.3
Sandy:	0.4	0.3	0.4
Water Tower:	0.9	0.5	1.4
Wilson:	1.7	1.2	1.1