

Hollinger Public Blast Report



Blast Pattern: 3328_033
Date: 29-Sep-19
Blast Time: 15:48
Blast Sign Activation: 9:00
Website Notification Time: 9:20

Blast Conditions

Ceiling Height: 14107 ft
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 2 km/hr
Wind Direction: N
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:	52.8 LAeq	96.2 dB
Edwards:	44.1 LAeq	92.2 dB
Fred:	39.2 LAeq	88.6 dB
Hollinger Office:	54.7 LAeq	101.4 dB
Noah:	62.5 LAeq	98.9 dB
Sandy:	40.4 LAeq	107.0 dB
Water Tower:	49.2 LAeq	109.4 dB
Wilson:	46.5 LAeq	102.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	24.1	24.5	0.1	0.1
Edwards:	6.1	6.5	8.0	9.2
Hollinger Office:	10.0	11.4	4.8	6.7
Sandy:	8.6	12.7	9.1	12.9

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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:	0.4	0.5
Edwards:	1.1	1.9
Hollinger Office:	1.4	2.1
Sandy:	3.1	5.8

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:	0.1	0.1	0.2
Hollinger Office:	0.4	0.3	0.4
Hollinger West:	0.6	0.4	0.7
Imerys:	0.6	0.6	0.8
Noah:	0.5	0.7	0.5
Moneta Pumping Station:	1.2	0.7	1.4
Sandy:	8.4	3.7	3.8
Water Tower:	1.5	0.8	1.6
Wilson:	1.3	1.2	1.8