

Hollinger Public Blast Report



Blast Pattern: 3340_108
Date: 28-Jun-19
Blast Time: 11:41
Blast Sign Activation: 7:45
Website Notification Time: 7:33

Blast Conditions

Ceiling Height: 30000 ft
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 11 km/hr
Wind Direction: S
Temperature: 25.9 °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	107.5 dB
Edwards:	45.2 LAeq	98.0 dB
Fred:	42.8 LAeq	93.5 dB
Hollinger Office:	55.7 LAeq	109.8 dB
Noah:	60.4 LAeq	101.8 dB
Sandy:	45.1 LAeq	104.9 dB
Water Tower:	46.3 LAeq	107.1 dB
Wilson:	50.7 LAeq	107.9 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.8	9.8	14.1	19.3
Edwards:	9.0	11.6	16.9	22.1
Hollinger Office:	33.2	58.5	31.9	76.6
Sandy:	7.1	8.1	13.3	16.6

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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:	0.2	0.5
Edwards:	2.4	3.8
Hollinger Office:	2.3	4.5
Sandy:	0.8	1.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.9	0.6	1.1
Edwards:	0.2	0.2	0.3
Hollinger Office:	1.2	0.3	0.6
Hollinger West:	0.5	0.4	0.4
Imerys:	0.3	0.3	0.6
Noah:	0.8	0.6	0.4
Moneta Pumping Station:	0.6	0.2	0.3
Sandy:	0.4	0.2	0.4
Water Tower:	0.5	0.2	0.7
Wilson:	0.9	0.5	0.8