

Hollinger Public Blast Report



Blast Pattern: 3350.5_007
Date: 1-Jul-19
Blast Time: 11:39
Blast Sign Activation: 7:35
Website Notification Time: 7:22

Blast Conditions

Ceiling Height: 22000 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 13 km/hr
Wind Direction: SW
Temperature: 24.3 °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:	53.6 LAeq	112.7 dB
Edwards:	58.5 LAeq	108.4 dB
Fred:	46.2 LAeq	112.4 dB
Hollinger Office:	53.9 LAeq	113.6 dB
Noah:	59.1 LAeq	105.7 dB
Sandy:	45.6 LAeq	105.5 dB
Water Tower:	49.5 LAeq	111.7 dB
Wilson:	46.9 LAeq	106.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.5	9.0	18.1	21.6
Edwards:	10.0	14.7	25.1	46.1
Hollinger Office:	19.4	22.2	21.8	28.0
Sandy:	9.4	11.5	17.0	24.0

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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:	1.2	3.0
Edwards:	0.0	0.0
Hollinger Office:	1.0	3.4
Sandy:	0.5	0.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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