

Hollinger Public Blast Report



Blast Pattern: 3346_172
Date: 18-Aug-19
Blast Time: 15:39
Blast Sign Activation: 7:45
Website Notification Time: 7:30

Blast Conditions

Ceiling Height: 4500 ft
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 20 km/hr
Wind Direction: S
Temperature: 26 °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:	53.0 LAeq	106.7 dB
Edwards:	49.5 LAeq	105.8 dB
Fred:	47.1 LAeq	110.6 dB
Hollinger Office:	53.7 LAeq	111.3 dB
Noah:	58.9 LAeq	112.6 dB
Sandy:	52.6 LAeq	108.7 dB
Water Tower:	53.6 LAeq	118.4 dB
Wilson:	52.5 LAeq	106.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.7	10.5	19.7	24.0
Edwards:	5.8	6.3	17.2	19.1
Hollinger Office:	47.5	68.8	72.8	113.0
Sandy:	16.0	18.7	15.9	20.2

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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:	1.9	4.9
Edwards:	1.5	2.7
Hollinger Office:	4.0	15.8
Sandy:	1.1	1.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.3	0.3
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.3	0.2	0.2
Hollinger West:	0.1	0.1	0.1
Imerys:	0.2	0.2	0.2
Noah:	0.3	0.5	0.3
Moneta Pumping Station:	0.5	0.2	0.3
Sandy:	0.3	0.2	0.3
Water Tower:	0.2	0.1	0.2
Wilson:	0.4	0.3	0.4