

Hollinger Public Blast Report



Blast Pattern: 3340_093
Date: 24-Sep-19
Blast Time: 11:45
Blast Sign Activation: 8:30
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 10000 ft
Boundary Layer Height: n/a m
Cloud Cover: 0% Clear
Wind Speed: 9 km/hr
Wind Direction: S
Temperature: 15.4 °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:	53.1 LAeq	102.8 dB
Edwards:	53.0 LAeq	95.8 dB
Fred:	42.1 LAeq	91.2 dB
Hollinger Office:	56.3 LAeq	109.2 dB
Noah:	64.0 LAeq	108.9 dB
Sandy:	45.9 LAeq	102.5 dB
Water Tower:	48.4 LAeq	109.7 dB
Wilson:	51.9 LAeq	98.1 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	24.2	24.7	5.3	6.9
Edwards:	5.0	6.2	10.2	16.6
Hollinger Office:	19.3	31.8	20.7	45.0
Sandy:	3.6	5.5	9.3	11.4

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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:	0.6	1.4
Edwards:	1.5	3.2
Hollinger Office:	3.1	4.9
Sandy:	0.8	1.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.2	0.4
Edwards:	0.4	0.2	0.3
Hollinger Office:	0.4	0.2	0.3
Hollinger West:	0.2	0.1	0.2
Imerys:	0.3	0.3	0.3
Noah:	0.5	0.6	0.6
Moneta Pumping Station:	0.6	0.5	0.6
Sandy:	0.9	0.4	0.8
Water Tower:	0.3	0.2	0.4
Wilson:	0.8	0.5	0.9