

Hollinger Public Blast Report



Blast Pattern: 3340_105
Date: 18-Jun-19
Blast Time: 11:49
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 14000 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 7 km/hr
Wind Direction: NE
Temperature: 17.3 °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:	57.6 LAeq	102.9 dB
Edwards:	46.2 LAeq	96.0 dB
Fred:	44.5 LAeq	95.0 dB
Hollinger Office:	55.8 LAeq	114.6 dB
Noah:	62.2 LAeq	104.5 dB
Sandy:	41.0 LAeq	102.4 dB
Water Tower:	48.6 LAeq	114.2 dB
Wilson:	47.7 LAeq	104.6 dB

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	9.8	10.6	9.0	11.0
Edwards:	5.5	5.8	6.8	9.1
Hollinger Office:	10.4	11.1	10.8	16.4
Sandy:	26.6	129.2	25.2	155.9

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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:	0.0	0.0
Edwards:	0.9	1.6
Hollinger Office:	1.3	1.9
Sandy:	5.1	14.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.7	0.4	0.5
Edwards:	0.3	0.2	0.3
Hollinger Office:	0.8	0.3	0.5
Hollinger West:	0.2	0.2	0.3
Imerys:	0.4	0.2	0.3
Noah:	0.4	0.5	0.4
Moneta Pumping Station:	0.4	0.5	0.4
Sandy:	0.4	0.1	0.5
Water Tower:	0.4	0.2	0.5
Wilson:	0.6	0.5	0.7