

Hollinger Public Blast Report



Blast Pattern: 3350.5_005
Date: 7-Aug-19
Blast Time: 11:48
Blast Sign Activation: 7:55
Website Notification Time: 7:36

Blast Conditions

Ceiling Height: 30000 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 13 km/hr
Wind Direction: SW
Temperature: 24.6 °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:	74.7 LAeq	115.5 dB
Edwards:	53.8 LAeq	93.2 dB
Fred:	43.5 LAeq	95.7 dB
Hollinger Office:	55.4 LAeq	108.4 dB
Noah:	61.7 LAeq	99.6 dB
Sandy:	55.5 LAeq	97.7 dB
Water Tower:	49.1 LAeq	103.5 dB
Wilson:	51.5 LAeq	99.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	10.5	11.6	15.6	16.9
Edwards:	8.1	12.5	31.2	61.0
Hollinger Office:	20.3	62.7	44.9	193.5
Sandy:	7.8	11.4	22.4	24.7

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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	1.1
Edwards:	2.9	4.7
Hollinger Office:	3.2	6.7
Sandy:	2.6	6.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.0	0.0	0.0
Hollinger Office:	3.3	1.8	3.2
Hollinger West:	0.1	0.0	0.0
Imerys:	1.0	0.7	1.1
Noah:	0.6	0.7	0.7
Moneta Pumping Station:	0.1	0.1	0.1
Sandy:	0.1	0.0	0.1
Water Tower:	0.6	0.7	0.9
Wilson:	0.2	0.3	0.2