

Hollinger Public Blast Report



Blast Pattern: 3340_117
Date: 12-Sep-19
Blast Time: 15:46
Blast Sign Activation: 7:40
Website Notification Time: 7:32

Blast Conditions

Ceiling Height: 10000 ft
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 9 km/hr
Wind Direction: N
Temperature: 13.2 °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:	55.0 LAeq	108.9 dB
Edwards:	53.7 LAeq	99.6 dB
Fred:	42.5 LAeq	93.4 dB
Hollinger Office:	56.5 LAeq	118.9 dB
Noah:	65.0 LAeq	114.4 dB
Sandy:	42.8 LAeq	108.7 dB
Water Tower:	50.0 LAeq	116.1 dB
Wilson:	50.7 LAeq	111.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	19.7	20.2		
Edwards:	6.0	6.4	5.0	5.9
Hollinger Office:	24.5	26.6	6.4	8.3
Sandy:	5.1	30.9	7.2	48.7

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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:	0.0	0.0
Edwards:	1.5	2.2
Hollinger Office:	1.5	2.3
Sandy:	2.4	4.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.8	0.7	0.8
Edwards:	0.3	0.3	0.4
Hollinger Office:	0.5	0.4	0.5
Hollinger West:	0.2	0.1	0.2
Imerys:	0.5	0.2	0.5
Noah:	0.8	0.8	0.7
Moneta Pumping Station:	0.4	0.3	0.5
Sandy:	0.3	0.2	0.4
Water Tower:	0.3	0.2	0.4
Wilson:	1.2	0.6	1.3