

Hollinger Public Blast Report



Blast Pattern: 3328_054
Date: 9-Sep-19
Blast Time: 11:44
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 5500 ft
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 6 km/hr
Wind Direction: SW
Temperature: 14.2 °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:	55.9 LAeq	99.0 dB
Edwards:	48.8 LAeq	94.0 dB
Fred:	42.8 LAeq	90.6 dB
Hollinger Office:	56.3 LAeq	100.5 dB
Noah:	64.0 LAeq	104.3 dB
Sandy:	45.4 LAeq	103.9 dB
Water Tower:	48.0 LAeq	110.0 dB
Wilson:	49.5 LAeq	101.3 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.1	7.8		
Edwards:	2.1	2.9	7.9	12.7
Hollinger Office:	11.2	18.7	12.7	22.1
Sandy:	2.3	3.0	4.4	6.0

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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	0.9
Edwards:	4.8	9.8
Hollinger Office:	4.8	7.6
Sandy:	1.0	1.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.0	0.0	0.1
Edwards:	0.0	0.0	0.1
Hollinger Office:	0.6	0.2	0.4
Hollinger West:	1.3	0.8	1.2
Imerys:	1.5	1.8	2.6
Noah:	1.4	1.0	1.1
Moneta Pumping Station:	0.3	0.2	0.2
Sandy:	0.4	0.2	0.2
Water Tower:	4.7	4.2	4.6
Wilson:	1.0	0.9	1.0