

Hollinger Public Blast Report



Blast Pattern: 3328_058
Date: 5-Oct-19
Blast Time: 11:39
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 7600 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 11 km/hr
Wind Direction: S
Temperature: 7.7 °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:	53.3 LAeq	110.4 dB
Edwards:	46.3 LAeq	102.5 dB
Fred:	43.7 LAeq	92.4 dB
Hollinger Office:	53.8 LAeq	112.7 dB
Noah:	67.2 LAeq	108.9 dB
Sandy:	45.0 LAeq	108.1 dB
Water Tower:	50.2 LAeq	116.8 dB
Wilson:	48.3 LAeq	105.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	23.2	23.8		
Edwards:	2.7	3.2	6.9	7.6
Hollinger Office:	6.8	11.9	5.7	15.4
Sandy:	7.4	13.4	9.4	14.4

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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:	2.0	6.8
Edwards:	1.4	2.9
Hollinger Office:	8.9	24.3
Sandy:	3.0	3.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.5	0.3	0.6
Hollinger West:	0.4	0.2	0.3
Imerys:	0.6	0.6	0.8
Noah:	2.8	2.5	2.1
Moneta Pumping Station:	1.2	0.5	0.9
Sandy:	1.3	0.9	1.6
Water Tower:	0.7	0.4	1.0
Wilson:	1.7	2.0	1.9