

Hollinger Public Blast Report



Blast Pattern: 3328_028
Date: 29-Aug-19
Blast Time: 15:39
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 3000 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Rain
Wind Speed: 17 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:	55.0 LAeq	99.3 dB
Edwards:	47.8 LAeq	99.6 dB
Fred:	43.5 LAeq	96.9 dB
Hollinger Office:	55.2 LAeq	107.2 dB
Noah:	61.7 LAeq	102.0 dB
Sandy:	50.1 LAeq	107.1 dB
Water Tower:	50.1 LAeq	109.9 dB
Wilson:	49.3 LAeq	107.1 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.2	8.7	3.3	4.4
Edwards:	3.7	4.4	9.4	11.5
Hollinger Office:	14.4	30.1	15.1	39.0
Sandy:	2.1	2.3	7.8	7.8

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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:	0.3	1.2
Edwards:	2.5	6.4
Hollinger Office:	3.7	6.9
Sandy:	0.0	0.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.0	0.0	0.0
Edwards:	0.0	0.0	0.0
Hollinger Office:	0.3	0.1	0.2
Hollinger West:	2.9	2.5	5.0
Imerys:	0.6	0.7	0.8
Noah:	0.6	0.6	0.6
Moneta Pumping Station:	0.6	0.3	0.5
Sandy:	1.4	0.6	0.8
Water Tower:	1.3	0.9	2.6
Wilson:	5.1	3.6	7.4