

Hollinger Public Blast Report



Blast Pattern: 3346_198
Date: 13-Sep-19
Blast Time: 11:49
Blast Sign Activation: 8:00
Website Notification Time: 7:35

Blast Conditions

Ceiling Height: 4900 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 19 km/hr
Wind Direction: SE
Temperature: 9.9 °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:	55.3 LAeq	106.2 dB
Edwards:	49.4 LAeq	99.2 dB
Fred:	45.1 LAeq	100.0 dB
Hollinger Office:	55.6 LAeq	109.5 dB
Noah:	61.9 LAeq	107.5 dB
Sandy:	48.2 LAeq	101.0 dB
Water Tower:	54.3 LAeq	114.5 dB
Wilson:	52.7 LAeq	104.3 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	22.8	23.3	1.4	2.9
Edwards:	8.9	9.2	8.4	9.8
Hollinger Office:	10.2	16.3	11.7	16.0
Sandy:	5.1	5.8	7.9	9.6

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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	0.7
Edwards:	0.0	0.0
Hollinger Office:	7.7	10.3
Sandy:	2.6	3.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.1	1.4	1.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.2	0.1	0.2
Hollinger West:	0.0	0.0	0.0
Imerys:	0.2	0.1	0.2
Noah:	0.3	0.4	0.3
Moneta Pumping Station:	0.1	0.2	0.1
Sandy:	0.0	0.0	0.1
Water Tower:	0.0	0.0	0.1
Wilson:	0.2	0.1	0.2