

Hollinger Public Blast Report



Blast Pattern: 3340_114
Date: 16-Sep-19
Blast Time: 11:38
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 10000 ft
Boundary Layer Height: n/a m
Cloud Cover: 0% Clear
Wind Speed: 7 km/hr
Wind Direction: SW
Temperature: 17.1 °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:	52.8 LAeq	106.9 dB
Edwards:	46.6 LAeq	94.7 dB
Fred:	43.3 LAeq	94.0 dB
Hollinger Office:	54.6 LAeq	110.7 dB
Noah:	61.2 LAeq	101.6 dB
Sandy:	45.2 LAeq	98.4 dB
Water Tower:	55.5 LAeq	109.2 dB
Wilson:	49.4 LAeq	95.9 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	25.0	25.5	6.1	7.5
Edwards:	6.4	7.2	11.2	15.5
Hollinger Office:	17.9	24.3	14.3	21.8
Sandy:	4.5	6.1	10.7	13.5

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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:	0.4	1.3
Edwards:	0.0	0.0
Hollinger Office:	3.0	7.1
Sandy:	1.0	1.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.0	0.6	0.8
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.6	0.2	0.4
Hollinger West:	0.2	0.1	0.2
Imerys:	0.2	0.2	0.4
Noah:	0.3	0.5	0.4
Moneta Pumping Station:	0.4	0.3	0.4
Sandy:	0.3	0.2	0.4
Water Tower:	0.3	0.1	0.4
Wilson:	0.7	0.6	0.5