

Hollinger Public Blast Report



Blast Pattern: 3328_046
Date: 10-Nov-19
Blast Time: 11:35
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1640 ft
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 15 km/hr
Wind Direction: NW
Temperature: -9.5 °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:	61.3 LAeq	106.4 dB
Edwards:	46.7 LAeq	95.1 dB
Fred:	39.6 LAeq	101.1 dB
Hollinger Office:	54.0 LAeq	106.2 dB
Noah:	60.6 LAeq	107.5 dB
Sandy:	53.1 LAeq	108.0 dB
Water Tower:	46.8 LAeq	116.3 dB
Wilson:	44.1 LAeq	110.4 dB

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	3.5	4.8	2.8	3.7
Edwards:	3.6	4.1	6.4	7.4
Hollinger Office:	14.7	21.4	5.3	8.8
Sandy:	8.9	18.8	8.0	17.3

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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	0.4
Edwards:	1.8	3.5
Hollinger Office:	2.5	2.8
Sandy:	6.7	18.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.2	0.4
Edwards:	0.0	0.0	0.1
Hollinger Office:	0.2	0.1	0.1
Hollinger West:	0.6	0.4	0.7
Imerys:	0.8	0.5	0.5
Noah:	0.2	0.2	0.3
Moneta Pumping Station:	0.5	0.4	0.5
Sandy:	4.2	3.0	3.1
Water Tower:	0.6	0.5	0.7
Wilson:	0.9	0.6	0.9