

Hollinger Public Blast Report



Blast Pattern: 3334_114
Date: 14-Dec-19
Blast Time: 11:36
Blast Sign Activation: 7:37
Website Notification Time: 7:20

Blast Conditions

Ceiling Height: 196 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 15 km/hr
Wind Direction: NW
Temperature: -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:	51.8 LAeq	104.8 dB
Edwards:	45.7 LAeq	94.0 dB
Fred:	38.6 LAeq	97.3 dB
Hollinger Office:	54.5 LAeq	113.9 dB
Noah:	61.4 LAeq	99.1 dB
Sandy:	36.4 LAeq	95.7 dB
Water Tower:	46.4 LAeq	107.2 dB
Wilson:	61.9 LAeq	108.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	31.5	40.6	22.7	29.2
Edwards:	14.9	17.8	45.7	54.4
Hollinger Office:	3.8	4.8	44.2	55.1
Sandy:	18.2	23.0	33.4	41.8

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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:	1.2	1.6
Edwards:	2.8	3.4
Hollinger Office:	4.6	5.5
Sandy:	4.8	6.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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