

Hollinger Public Blast Report



Blast Pattern: 3334_109
Date: 11-Nov-19
Blast Time: 13:43
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1343 ft
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 6 km/hr
Wind Direction: NW
Temperature: -13.1 °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:	50.2 LAeq	107.0 dB
Edwards:	49.8 LAeq	99.9 dB
Fred:	38.0 LAeq	90.4 dB
Hollinger Office:	54.7 LAeq	114.7 dB
Noah:	60.2 LAeq	101.7 dB
Sandy:	39.6 LAeq	96.5 dB
Water Tower:	47.2 LAeq	107.3 dB
Wilson:	47.1 LAeq	93.9 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	3.1	4.5	2.3	3.6
Edwards:	4.4	5.4	7.1	11.6
Hollinger Office:	4.5	22.4	4.7	22.0
Sandy:	2.8	5.3	22.5	28.1

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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:	2.0	3.0
Edwards:	2.6	3.5
Hollinger Office:	5.4	8.9
Sandy:	8.2	16.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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