

Hollinger Public Blast Report



Blast Pattern: 3334_112
Date: 15-Nov-19
Blast Time: 11:46
Blast Sign Activation: 7:43
Website Notification Time: 7:31

Blast Conditions

Ceiling Height: 10000 ft
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 32 km/hr
Wind Direction: W
Temperature: -13.4 °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:	57.4 LAeq	113.9 dB
Edwards:	52.0 LAeq	110.4 dB
Fred:	45.8 LAeq	110.7 dB
Hollinger Office:	57.7 LAeq	118.3 dB
Noah:	62.0 LAeq	111.6 dB
Sandy:	54.4 LAeq	108.8 dB
Water Tower:	57.5 LAeq	123.0 dB
Wilson:	47.5 LAeq	109.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.2	5.5	3.4	5.5
Edwards:	12.9	17.0	11.9	18.8
Hollinger Office:	5.5	10.7	5.6	8.2
Sandy:	13.4	29.3	12.4	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:	1.7	3.0
Edwards:	3.0	7.9
Hollinger Office:	3.4	4.7
Sandy:	3.8	8.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.4	0.5
Edwards:	0.2	0.2	0.3
Hollinger Office:	0.5	0.3	0.6
Hollinger West:	0.2	0.2	0.3
Imerys:	0.6	0.4	0.7
Noah:	0.9	0.5	1.1
Moneta Pumping Station:	0.8	0.5	0.6
Sandy:	1.1	0.7	1.0
Water Tower:	0.5	0.5	0.5
Wilson:	2.4	1.6	2.8