

Hollinger Public Blast Report



Blast Pattern: 3340_122, 3328_085D
Date: 8-Nov-19
Blast Time: 11:39
Blast Sign Activation: 8:00
Website Notification Time: 7:31

Blast Conditions

Ceiling Height: 2953 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Snow
Wind Speed: 7 km/hr
Wind Direction: SW
Temperature: -12 °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:	52.0 LAeq	123.5 dB
Edwards:	47.1 LAeq	99.0 dB
Fred:	38.2 LAeq	89.3 dB
Hollinger Office:	54.7 LAeq	120.0 dB
Noah:	61.9 LAeq	108.8 dB
Sandy:	41.4 LAeq	98.3 dB
Water Tower:	46.6 LAeq	110.4 dB
Wilson:	45.1 LAeq	99.5 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	1.6	2.8	1.4	3.5
Edwards:	3.2	3.7	4.3	7.4
Hollinger Office:	9.9	17.6	3.9	8.6
Sandy:	5.4	6.8	4.1	5.0

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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:	1.1	3.3
Edwards:	4.7	8.0
Hollinger Office:	7.9	14.9
Sandy:	1.3	1.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	2.2	0.9	1.5
Edwards:	0.3	0.2	0.3
Hollinger Office:	2.8	1.4	4.1
Hollinger West:	0.2	0.1	0.2
Imerys:	2.1	0.6	1.9
Noah:	1.9	0.8	1.9
Moneta Pumping Station:	0.1	0.1	0.2
Sandy:	0.2	0.1	0.2
Water Tower:	0.6	0.3	0.4
Wilson:	1.4	0.7	0.8