

Hollinger Public Blast Report



Blast Pattern: 3334_089
Date: 8-Dec-19
Blast Time: 11:39
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 2296 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Snow
Wind Speed: 19 km/hr
Wind Direction: S
Temperature: -0.4 °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:	49.1 LAeq	108.2 dB
Edwards:	45.8 LAeq	104.9 dB
Fred:	43.8 LAeq	104.6 dB
Hollinger Office:	52.1 LAeq	114.1 dB
Noah:	57.1 LAeq	112.2 dB
Sandy:	41.7 LAeq	101.3 dB
Water Tower:	54.8 LAeq	114.1 dB
Wilson:	49.4 LAeq	103.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	10.7	11.2	9.3	9.8
Edwards:	7.1	7.4	15.9	17.2
Hollinger Office:	12.0	13.4	23.0	25.8
Sandy:	8.4	10.0	12.9	13.9

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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	4.2
Edwards:	2.4	3.9
Hollinger Office:	6.6	13.8
Sandy:	2.9	3.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.9	0.9	1.0
Edwards:	0.3	0.2	0.4
Hollinger Office:	1.2	1.2	2.4
Hollinger West:	0.4	0.2	0.5
Imerys:	3.1	1.3	2.7
Noah:	4.3	1.7	2.5
Moneta Pumping Station:	0.5	0.3	0.3
Sandy:	0.5	0.3	0.4
Water Tower:	1.4	0.7	1.1
Wilson:	3.5	1.6	2.7