

Hollinger Public Blast Report

Blast Pattern: 3328_071, 3334_124
Date: 7-Feb-20
Blast Time: 11:44
Blast Sign Activation: 7:32
Website Notification Time: 7:21

Blast Conditions

Ceiling Height: 12139 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 22 km/hr
Wind Direction: NE
Temperature: -20 °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:	53.1 LAeq	107.2 dB
Edwards:	46.4 LAeq	101.7 dB
Fred:	41.2 LAeq	104.6 dB
Hollinger Office:	53.8 LAeq	110.6 dB
Noah:	60.2 LAeq	103.1 dB
Sandy:	40.2 LAeq	106.6 dB
Water Tower:	47.6 LAeq	112.0 dB
Wilson:	53.7 LAeq	109.5 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	3.6	4.1	2.6	3.1
Edwards:	2.8	3.4	14.2	18.7
Hollinger Office:	17.0	23.0	27.3	40.1
Sandy:	6.8	9.7	8.5	14.9

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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:	0.4	0.6
Edwards:	2.3	3.3
Hollinger Office:	6.1	10.4
Sandy:	5.7	10.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.7	0.7	0.7
Edwards:	0.2	0.2	0.3
Hollinger Office:	0.6	0.8	1.0
Hollinger West:	0.3	0.5	0.7
Imerys:	0.0	0.1	0.0
Noah:	3.0	1.7	2.8
Moneta Pumping Station:	0.3	0.3	0.5
Sandy:	0.7	0.5	0.7
Water Tower:	1.4	0.6	1.4
Wilson:	2.5	0.8	1.3