

Hollinger Public Blast Report

Blast Pattern: 3334_120PS, 3328_086
Date: 20-Dec-19
Blast Time: 11:52
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 10000 ft
Boundary Layer Height: n/a m
Cloud Cover: 0% Clear
Wind Speed: 0 km/hr
Wind Direction: N
Temperature: -16.6 °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:	50.6 LAeq	105.6 dB
Edwards:	40.1 LAeq	94.9 dB
Fred:	37.4 LAeq	84.5 dB
Hollinger Office:	50.6 LAeq	108.4 dB
Noah:	57.4 LAeq	103.7 dB
Sandy:	38.9 LAeq	94.6 dB
Water Tower:	42.8 LAeq	103.5 dB
Wilson:	50.5 LAeq	91.5 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.2	10.1	4.9	6.0
Edwards:	7.5	8.8	10.0	14.3
Hollinger Office:	44.4	87.3	87.6	159.0
Sandy:	6.0	13.2	10.2	32.5

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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:	7.0	10.9
Edwards:	4.4	10.8
Hollinger Office:	61.5	116.9
Sandy:	8.1	22.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.4	0.8	0.9
Edwards:	0.2	0.1	0.2
Hollinger Office:	0.6	0.7	2.8
Hollinger West:	0.2	0.1	0.1
Imerys:	0.0	0.0	0.0
Noah:	0.7	0.4	0.8
Moneta Pumping Station:	0.2	0.1	0.2
Sandy:	0.2	0.1	0.3
Water Tower:	0.3	0.4	0.2
Wilson:	0.8	0.3	0.7