

Hollinger Public Blast Report

Blast Pattern: 3340_137, 3328_086PS
Date: 15-Dec-19
Blast Time: 11:37
Blast Sign Activation: 7:19
Website Notification Time: 7:16

Blast Conditions

Ceiling Height: 10000 ft
Boundary Layer Height: n/a m
Cloud Cover: 0% Clear
Wind Speed: 24 km/hr
Wind Direction: W
Temperature: -18.5 °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:	52.1 LAeq	108.3 dB
Edwards:	46.3 LAeq	106.7 dB
Fred:	38.0 LAeq	105.1 dB
Hollinger Office:	52.7 LAeq	112.3 dB
Noah:	58.4 LAeq	108.2 dB
Sandy:	38.4 LAeq	100.4 dB
Water Tower:	46.2 LAeq	119.1 dB
Wilson:	60.6 LAeq	109.5 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	3.7	5.4	2.2	4.9
Edwards:	3.4	5.6	8.8	27.0
Hollinger Office:	6.4	7.6	5.4	6.4
Sandy:	2.7	3.5	4.2	5.6

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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:	2.1	4.5
Edwards:	5.4	23.3
Hollinger Office:	3.1	3.6
Sandy:	3.4	6.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.2
Edwards:	0.1	0.0	0.1
Hollinger Office:	3.5	2.3	7.3
Hollinger West:	0.1	0.1	0.1
Imerys:	0.0	0.0	0.0
Noah:	1.2	0.7	0.9
Moneta Pumping Station:	0.1	0.0	0.1
Sandy:	0.1	0.1	0.1
Water Tower:	0.7	0.7	0.5
Wilson:	0.5	0.2	0.5