

Hollinger Public Blast Report

Blast Pattern: 3322_016
Date: 8-Jan-20
Blast Time: 11:37
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1968 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 24 km/hr
Wind Direction: NW
Temperature: -19.2 °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:	54.3 LAeq	110.6 dB
Edwards:	47.1 LAeq	102.5 dB
Fred:	44.2 LAeq	113.5 dB
Hollinger Office:	54.6 LAeq	109.5 dB
Noah:	59.8 LAeq	113.8 dB
Sandy:	40.5 LAeq	106.8 dB
Water Tower:	50.3 LAeq	112.9 dB
Wilson:	50.1 LAeq	111.1 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.0	17.7	1.8	2.6
Edwards:	6.2	6.7	5.8	6.6
Hollinger Office:	3.2	4.6	3.1	5.0
Sandy:	7.0	12.8	4.8	6.0

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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	1.6
Edwards:	2.5	2.8
Hollinger Office:	4.8	7.0
Sandy:	3.5	4.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.3	0.3	0.5
Hollinger West:	0.6	0.3	0.7
Imerys:	0.6	1.4	1.3
Noah:	1.3	0.6	1.5
Moneta Pumping Station:	0.4	0.3	0.3
Sandy:	1.9	0.6	1.1
Water Tower:	1.7	1.3	1.5
Wilson:	1.8	1.4	1.8