

Hollinger Public Blast Report

Blast Pattern: 3328_126, 3310_047
Date: 29-Oct-20
Blast Time: 12:01
Blast Sign Activation: 8:28
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 2624 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 11 km/hr
Wind Direction: N
Temperature: -7.6 °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:	55.1 LAeq	101.5 dB
Edwards:	47.2 LAeq	97.5 dB
Fred:	42.7 LAeq	100.2 dB
Hollinger Office:	60.7 LAeq	105.6 dB
Noah:	61.2 LAeq	102.2 dB
Sandy:	43.0 LAeq	106.7 dB
Water Tower:	46.3 LAeq	111.4 dB
Wilson:	46.9 LAeq	104.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	10.0	10.2	3.1	3.8
Edwards:	1.8	2.3	5.3	6.2
Hollinger Office:	9.2	10.9	9.6	11.8
Sandy:	9.1	20.1	12.4	43.2

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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:	0.3	0.5
Edwards:	0.6	1.1
Hollinger Office:	2.1	2.4
Sandy:	2.4	2.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.7	0.5	0.6
Edwards:	0.1	0.0	0.1
Hollinger Office:	2.2	0.5	1.3
Hollinger West:	0.8	0.3	0.9
Imerys:	2.3	1.4	1.4
Noah:	1.6	1.4	2.9
Moneta Pumping Station:	0.6	0.7	0.4
Sandy:	1.0	0.5	0.8
Water Tower:	4.1	1.4	4.0
Wilson:	1.1	1.3	1.1