

Hollinger Public Blast Report

Blast Pattern: 3328_125, 3292_200/201PS
Date: 19-Oct-20
Blast Time: 11:39
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 4921 ft
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 9 km/hr
Wind Direction: SW
Temperature: 2.3 °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:	56.3 LAeq	107.8 dB
Edwards:	49.7 LAeq	103.8 dB
Fred:	45.0 LAeq	100.5 dB
Hollinger Office:	55.9 LAeq	114.3 dB
Noah:	61.9 LAeq	103.7 dB
Sandy:	LAeq	dB
Water Tower:	48.6 LAeq	113.5 dB
Wilson:	49.4 LAeq	105.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.3	8.4	2.4	2.5
Edwards:	7.4	8.5	8.0	8.5
Hollinger Office:	10.4	24.8	15.8	39.7
Sandy:	4.7	5.3	7.3	8.2

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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:	0.6	1.3
Edwards:	1.6	3.9
Hollinger Office:	3.1	7.6
Sandy:	1.2	1.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.9	0.8	0.8
Edwards:	0.1	0.1	0.0
Hollinger Office:	1.9	1.1	0.4
Hollinger West:	0.8	0.9	0.3
Imerys:	0.5	0.5	0.2
Noah:	0.5	0.4	0.5
Moneta Pumping Station:	0.6	0.5	0.4
Sandy:	3.7	3.0	3.3
Water Tower:	0.6	0.8	0.3
Wilson:	0.8	1.5	0.8