

Hollinger Public Blast Report

Blast Pattern: 3328_075
Date: 26-Oct-20
Blast Time: 11:49
Blast Sign Activation: 7:58
Website Notification Time: 7:45

Blast Conditions

Ceiling Height:	300	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	75%	Cloudy
Wind Speed:	11	km/hr
Wind Direction:	N	
Temperature:	-4.2	°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:	54.0 LAeq	114.6 dB
Edwards:	48.5 LAeq	110.4 dB
Fred:	40.5 LAeq	101.2 dB
Hollinger Office:	56.1 LAeq	118.2 dB
Noah:	61.1 LAeq	106.3 dB
Sandy:	41.8 LAeq	107.5 dB
Water Tower:	47.1 LAeq	112.5 dB
Wilson:	45.4 LAeq	102.5 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.8	9.4	1.0	1.5
Edwards:	0.2	1.1	4.9	6.7
Hollinger Office:	7.0	9.7	5.6	7.2
Sandy:	28.7	68.2	19.9	39.5

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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:	0.6	0.9
Edwards:	0.9	1.5
Hollinger Office:	5.9	8.7
Sandy:	5.7	8.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.2	0.4
Edwards:	0.3	0.1	0.3
Hollinger Office:	0.5	0.3	0.4
Hollinger West:	0.3	0.1	0.3
Imerys:	0.5	0.2	0.4
Noah:	0.6	0.4	0.8
Moneta Pumping Station:	0.4	0.7	0.4
Sandy:	0.6	0.4	0.5
Water Tower:	0.4	0.2	0.3
Wilson:	1.5	1.0	1.3