

Hollinger Public Blast Report

Blast Pattern: 3328_100
Date: 18-May-20
Blast Time: 15:33
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height:	5079	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	100%	Overcast
Wind Speed:	15	km/hr
Wind Direction:	E	
Temperature:	16.2	°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	110.2 dB
Edwards:	49.0 LAeq	113.5 dB
Fred:	45.4 LAeq	113.8 dB
Hollinger Office:	56.5 LAeq	115.7 dB
Noah:	58.1 LAeq	117.4 dB
Sandy:	46.5 LAeq	112.7 dB
Water Tower:	50.2 LAeq	114.5 dB
Wilson:	51.8 LAeq	109.5 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	11.4	12.0	12.6	14.6
Edwards:	10.2	19.0	19.8	40.3
Hollinger Office:	21.0	27.5	30.6	52.9
Sandy:	20.7	31.9	19.3	33.6

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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:	0.0	0.0
Edwards:	0.6	1.0
Hollinger Office:	1.0	1.7
Sandy:	3.5	10.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.3	0.4
Edwards:	0.2	0.1	0.2
Hollinger Office:	1.3	0.5	0.5
Hollinger West:	0.1	0.1	0.1
Imerys:	0.3	0.2	0.4
Noah:	0.5	0.4	0.4
Moneta Pumping Station:	0.3	0.3	0.3
Sandy:	0.4	0.2	0.4
Water Tower:	0.3	0.2	0.3
Wilson:	0.8	0.3	0.9