

Hollinger Public Blast Report

Blast Pattern: 3310_044, 3310_033&051
Date: 23-Oct-20
Blast Time: 15:45
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height:	1640	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	100%	Overcast Snow
Wind Speed:	15	km/hr
Wind Direction:	N	
Temperature:	0.2	°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:	59.6 LAeq	107.2 dB
Edwards:	52.0 LAeq	106.4 dB
Fred:	46.4 LAeq	110.5 dB
Hollinger Office:	59.3 LAeq	109.3 dB
Noah:	64.9 LAeq	107.1 dB
Sandy:	47.8 LAeq	113.0 dB
Water Tower:	52.0 LAeq	113.1 dB
Wilson:	51.4 LAeq	110.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.0	6.2	1.9	2.5
Edwards:	0.0	0.0	1.1	1.5
Hollinger Office:	2.0	2.9	4.1	5.5
Sandy:	1.0	1.3	3.8	4.3

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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:	0.5	0.7
Edwards:	1.0	1.4
Hollinger Office:	3.4	4.5
Sandy:	2.8	5.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.6	0.6	0.8
Hollinger West:	2.2	1.7	2.8
Imerys:	1.8	1.0	1.7
Noah:	1.2	0.9	1.1
Moneta Pumping Station:	0.6	0.3	0.4
Sandy:	0.8	0.6	0.7
Water Tower:	3.1	3.6	2.4
Wilson:	1.3	1.4	1.4