

Hollinger Public Blast Report

Blast Pattern: 3274_068
Date: 16-May-23
Blast Time: 11:36
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height:	656	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	100%	Overcast Snow
Wind Speed:	22	km/h
Wind Direction:	N	
Temperature:	-0.3	°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:	58.7 LAeq	107.2 dB
Edwards:	52.4 LAeq	111.0 dB
Fred:	48.7 LAeq	112.5 dB
Hollinger Office:	57.9 LAeq	113.5 dB
Noah:	LAeq	dB
Sandy:	47.1 LAeq	109.5 dB
Water Tower:	52.2 LAeq	115.6 dB
Wilson:	53.9 LAeq	116.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	3.4	3.7	4.7	8.4
Edwards:	0.7	1.7	0.0	0.0
Hollinger Office:	1.9	3.2	13.9	23.8
Sandy:	3.1	6.7	6.2	10.6

Hollinger Public Blast Report

NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

	Avg. NO _x	Max NO _x
Claimpost:	0.1	0.3
Edwards:	0.5	0.9
Hollinger Office:	0.7	1.6
Sandy:	7.8	41.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.3
Edwards:	0.1	0.1	0.2
Hollinger Office:	0.6	0.3	0.4
Hollinger West:	0.4	0.1	0.2
Imerys:	0.7	0.3	0.5
Noah:	0.7	0.4	0.8
Moneta Pumping Station	1.2	0.8	1.0
Sandy:	0.7	0.5	0.8
Water Tower:	0.0	0.0	0.0
Wilson:	1.2	0.6	0.9

