

Hollinger Public Blast Report

Blast Pattern: 3274_053
Date: 1-May-23
Blast Time: 11:30
Blast Sign Activation: 7:20
Website Notification Time: 8:00

Blast Conditions

Ceiling Height:	656	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	100%	Overcast Rain
Wind Speed:	20	km/h
Wind Direction:	n/a	
Temperature:	6.4	°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:	61.7 LAeq	102.2 dB
Edwards:	52.7 LAeq	101.7 dB
Fred:	55.3 LAeq	104.3 dB
Hollinger Office:	59.6 LAeq	111.5 dB
Noah:	63.8 LAeq	105.4 dB
Sandy:	46.6 LAeq	119.2 dB
Water Tower:	52.7 LAeq	107.6 dB
Wilson:	50.2 LAeq	110.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.6	4.8	3.0	3.3
Edwards:	1.6	1.7	3.9	4.7
Hollinger Office:	2.3	2.6	8.7	9.5
Sandy:	0.7	4.9	1.9	3.2

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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:	0.0	0.1
Edwards:	1.3	1.6
Hollinger Office:	1.7	3.6
Sandy:	5.1	21.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.9	0.5	1.1
Edwards:	0.3	0.2	0.4
Hollinger Office:	0.6	0.3	1.0
Hollinger West:	0.5	0.1	0.3
Imerys:	0.7	0.3	0.7
Noah:	0.7	0.5	0.7
Moneta Pumping Station	1.1	0.6	1.3
Sandy:	0.8	0.4	0.7
Water Tower:	0.6	0.2	0.4
Wilson:	1.0	0.6	0.6

